

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 17, 2004, 22:22:36 ; Search time 32.8012 Seconds  
(without alignments)  
863.313 Million cell updates/sec

Title: US-09-852-261-2  
Perfect score: 598  
Sequence: 1 GPELTCGAEVLVDALQVCGD.....STNKTKSQRRKSGSTFEHK 110

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues 1045404  
Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:  
1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep.\*  
17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	598	100.0	110	9	US-09-852-261-2
2	572.5	95.7	111	9	US-09-852-261-6
3	560	93.6	195	15	US-10-443-466A-20
4	521.5	87.2	133	14	US-10-161-088-2
5	494.5	82.7	111	9	US-09-852-261-4
6	468	78.3	105	9	US-09-852-261-10
7	468	78.3	137	14	US-10-251-661-8
8	468	78.3	153	9	US-09-919-497-74
9	468	78.3	153	14	US-10-136-639-3
10	468	78.3	153	14	US-10-207-655-55
11	465	77.8	105	9	US-09-852-261-14
12	463	77.4	105	14	US-10-238-114-3
13	463	77.4	153	14	US-10-238-114-2
14	457.5	76.5	191	9	US-09-921-398-41
15	457.5	76.5	191	14	US-10-280-826-41

16	423	70.7	105	9	US-09-852-261-12	Sequence 12, Appl
17	386	64.5	953	14	US-10-241-596-14	Sequence 14, Appl
18	385	64.4	70	9	US-09-848-664-29	Sequence 29, Appl
19	385	64.4	70	9	US-09-848-664-30	Sequence 30, Appl
20	385	64.4	70	9	US-09-903-327A-8	Sequence 8, Appl
21	385	64.4	70	10	US-09-858-935B-3	Sequence 3, Appl
22	385	64.4	70	12	US-10-444-701-1	Sequence 1, Appl
23	385	64.4	70	12	US-10-444-701-1	Sequence 1, Appl
24	385	64.4	70	13	US-10-028-410-1	Sequence 1, Appl
25	385	64.4	70	13	US-10-066-009A-1	Sequence 1, Appl
26	385	64.4	70	14	US-10-136-639-1	Sequence 1, Appl
27	385	64.4	70	14	US-10-136-841-7	Sequence 7, Appl
28	385	64.4	70	14	US-10-444-326-1	Sequence 7, Appl
29	385	64.4	70	15	US-10-272-531A-7	Sequence 7, Appl
30	385	64.4	70	15	US-10-272-483A-7	Sequence 1, Appl
31	385	64.4	70	16	US-10-444-362-1	Sequence 14, Appl
32	385	64.4	118	14	US-10-179-046-14	Sequence 39, Appl
33	385	64.4	155	9	US-09-921-398-39	Sequence 39, Appl
34	385	64.4	155	14	US-10-280-826-39	Sequence 12, Appl
35	385	64.4	510	9	US-09-903-327A-12	Sequence 42, Appl
36	378	63.2	91	14	US-10-323-046-42	Sequence 218, Appl
37	317	53.0	68	14	US-10-339-740-218	Sequence 5, Appl
38	300	50.2	56	13	US-10-066-009A-5	Sequence 57, Appl
39	237	39.6	180	14	US-10-207-655-57	Sequence 7, Appl
40	231	38.6	156	9	US-09-972-809-7	Sequence 38, Appl
41	231	38.6	180	14	US-10-081-119-38	Sequence 2, Appl
42	231	38.6	180	14	US-10-136-841-2	Sequence 145, Appl
43	231	38.6	180	14	US-10-097-340-145	Sequence 199, Appl
44	231	38.6	180	15	US-10-295-027-199	Sequence 2, Appl
45	231	38.6	180	15	US-10-272-531A-2	

ALIGNMENTS

RESULT 1  
US-09-852-261-2  
; Sequence 2, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCE, GEORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 110  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-852-261-2

Query Match	100.0%	Score 598	DB 9	Length 110
Best Local Similarity	100.0%	Pred. No. 3e-61		
Matches 110	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Qy	1	GPELTCGAEVLVDALQVCGDGFYFNKPTGYGSSRRAPQTGIVDECCFRCDRLRLEMY	60	
Db	1	GPELTCGAEVLVDALQVCGDGFYFNKPTGYGSSRRAPQTGIVDECCFRCDRLRLEMY	60	
Qy	61	CAPLPAKARSARVRAQRHTDMPKTKYQPPSTNKTKSQRRKSGSTFEHK	110	
Db	61	CAPLPAKARSARVRAQRHTDMPKTKYQPPSTNKTKSQRRKSGSTFEHK	110	

RESULT 2  
US-09-852-261-6  
; Sequence 6, Application US/09852261  
; Patent No. US20020083477A1

Mon Mar 22 10:08:55 2004

```

; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
US-09-852-261-6

Query Match      95.7%; Score 572.5; DB 9; Length 111;
Best Local Similarity 96.4%; Pred. No. 2.7e-58;
Matches 107; Conservative 1; Mismatches 2; Indels 1; Gaps 1;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 60
Db 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 60

QY 61 CAPLKPAKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 110
Db 61 CAPLKPAKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 111

RESULT 3
US-10-443-466A-20
; Sequence 20, Application US/10443466A
; Publication No. US20040018191A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Yan
; APPLICANT: Pachter, Jonathan A
; APPLICANT: Hailey, Judith
; APPLICANT: Greenberg, Robert
; APPLICANT: Leonard, Presta
; APPLICANT: Brams, Peter
; APPLICANT: Feingersh, Diane
; APPLICANT: Williams, Denise
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: NEUTRALIZING HUMAN ANTI-IGF1 ANTI-BODY
; FILE REFERENCE: OC01533-K-US
; CURRENT APPLICATION NUMBER: US/10/443,466A
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: 60/383,459
; PRIOR FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: 60/393,214
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/436,254
; PRIOR FILING DATE: 2002-12-23
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 20
; LENGTH: 195
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-443-466A-20

Query Match      93.6%; Score 560; DB 15; Length 195;
Best Local Similarity 100.0%; Pred. No. 1.9e-56;
Matches 103; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 60
Db 49 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 108

QY 61 CAPLKPAKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 103
Db 109 CAPLKPAKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 151
```

```

RESULT 4
US-10-161-088-2
; Sequence 2, Application US/10161088
; Publication No. US2003007761A1
; GENERAL INFORMATION:
; APPLICANT: Parrow, Vendela
; APPLICANT: Rosengren, Linda
; TITLE OF INVENTION: NEW METHODS
; FILE REFERENCE: 13425-111001
; CURRENT APPLICATION NUMBER: US/10/161,088
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: SE 0101934-8
; PRIOR FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-161-088-2

Query Match      87.2%; Score 521.5; DB 14; Length 133;
Best Local Similarity 89.2%; Pred. No. 2.6e-52;
Matches 99; Conservative 2; Mismatches 9; Indels 1; Gaps 1;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 60
Db 23 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 82

QY 61 CAPLKPAKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 110
Db 83 CAPLKPAKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 133

RESULT 5
US-09-852-261-4
; Sequence 4, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 4
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-852-261-4

Query Match      82.7%; Score 494.5; DB 9; Length 111;
Best Local Similarity 85.6%; Pred. No. 2.8e-49;
Matches 95; Conservative 2; Mismatches 13; Indels 1; Gaps 1;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 60
Db 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQGTGIVDECCFRSCDLRLLEY 60

QY 61 CAPLKPAKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 110
Db 61 CVRCKPKSARSVRAQRHTDMPKTKYQPPSTNKNKTSQ-RRKGSFEEHK 111

RESULT 6
US-09-852-261-10
; Sequence 10, Application US/09852261
```

```
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEORFFREY
; APPLICANT: TERENGHI, GEORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-261-10

Query Match      78.3%; Score 468; DB 9; Length 105;
Best Local Similarity 100.0%; Pred. No. 3e-46;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 60
DB      1 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 60

QY      61 CAPLPAKSARSVRAQRHTDMPKTK 86
DB      61 CAPLPAKSARSVRAQRHTDMPKTK 86

RESULT 7
US-10-251-661-8
; Sequence 8, Application US/10251661
; Publication No. US2003016655A1
; GENERAL INFORMATION:
; APPLICANT: Alberini, Cristina M.
; APPLICANT: Bear, Mark F.
; TITLE OF INVENTION: Methods and Compositions for Regulating
; TITLE OF INVENTION: Memory Consolidation
; FILE REFERENCE: 3499.1001-003
; CURRENT APPLICATION NUMBER: US/10/251,661
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/193,614
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10661
; PRIOR FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-251-661-8

Query Match      78.3%; Score 468; DB 14; Length 137;
Best Local Similarity 100.0%; Pred. No. 4.2e-46;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 60
DB      33 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 92

QY      61 CAPLPAKSARSVRAQRHTDMPKTK 86
DB      93 CAPLPAKSARSVRAQRHTDMPKTK 118

RESULT 8
US-09-919-497-74
; Sequence 74, Application US/09919497
; Patent No. US20020106662A1
; GENERAL INFORMATION:
; APPLICANT: Mutter, George L.
; TITLE OF INVENTION: PROGNOSTIC CLASSIFICATION OF ENDOMETRIAL CANCER
; FILE REFERENCE: B0801/7225
; CURRENT APPLICATION NUMBER: US/09/919,497
; CURRENT FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/221,735
; PRIOR FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 74
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-919-497-74

Query Match      78.3%; Score 468; DB 9; Length 153;
Best Local Similarity 100.0%; Pred. No. 4.8e-46;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 60
DB      49 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 108

QY      61 CAPLPAKSARSVRAQRHTDMPKTK 86
DB      109 CAPLPAKSARSVRAQRHTDMPKTK 134

RESULT 9
US-10-136-639-3
; Sequence 3, Application US/10136639
; Publication No. US20030072761A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING PROTEINS ACROSS THE BLOOD
; TITLE OF INVENTION: BARRIER
; FILE REFERENCE: SYM-008
; CURRENT APPLICATION NUMBER: US/10/136,639
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-639-3

Query Match      78.3%; Score 468; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 4.8e-46;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 60
DB      49 GPETLCGAEIVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEY 108

QY      61 CAPLPAKSARSVRAQRHTDMPKTK 86
DB      109 CAPLPAKSARSVRAQRHTDMPKTK 134

RESULT 10
US-10-207-655-55
; Sequence 55, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; APPLICANT: Hayden-Ledbetter, Martha S.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
```

```
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-55

Query Match      78.3%; Score 468; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 4.8e-46;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 60
    |||
Db 49 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 108
    |||

QY 61 CAPLPAKARSVRAQRHDTMPKTK 86
Db 109 CAPLPAKARSVRAQRHDTMPKTK 134

RESULT 11
US-09-852-261-14
; Sequence 14, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; *CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; *SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
US-09-852-261-14

Query Match      77.8%; Score 465; DB 9; Length 105;
Best Local Similarity 98.8%; Pred. No. 6.8e-46;
Matches 85; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 60
Db 1 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 60

QY 61 CAPLPAKARSVRAQRHDTMPKTK 86
Db 61 CAPLPAKARSVRAQRHDTMPKTK 86

RESULT 12
US-10-238-114-3
; Sequence 3, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE F
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; NUMBER OF SEQ ID NOS: 20
; *SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-3

Query Match      77.4%; Score 463; DB 14; Length 105;
Best Local Similarity 98.8%; Pred. No. 1.2e-45;
Matches 85; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 60
Db 1 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 60

QY 61 CAPLPAKARSVRAQRHDTMPKTK 86
Db 61 CAPLPAKARSVRAQRHDTMPKTK 86

RESULT 13
US-10-238-114-2
; Sequence 2, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE F
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; *SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-2

Query Match      77.4%; Score 463; DB 14; Length 153;
Best Local Similarity 98.8%; Pred. No. 1.8e-45;
Matches 85; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 60
Db 49 GPEILCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLEY 108

QY 61 CAPLPAKARSVRAQRHDTMPKTK 86
Db 109 CAPLPAKARSVRAQRHDTMPKTK 134

RESULT 14
US-09-921-398-41
; Sequence 41, Application US/09921398
; Patent No. US20030055169A1
; GENERAL INFORMATION:
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESS: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

Mon Mar 22 10:08:55 2004

```
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/921,398
; FILING DATE: 02-AUG-2001
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 191 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-09-921-398-41

Query Match 76.5%; Score 457.5; DB 9; Length 191;
Best Local Similarity 98.9%; Pred. No. 1e-44;
Matches 86; Conservative 0; Mismatches 1; Gaps 1;

QY 1 GPETLCGAEVLVDALQFVCGDRGFYFNKPTGYGSSSRRAPOGTGIVDECCFRSCDLRLLEY 60
Db 86 GPETLCGAEVLVDALQFVCGDRGFYFNKPTGYGSSSRRAPOGTGIVDECCFRSCDLRLLEY 145

QY 61 CAPLKPAKSA-RSVRAQRHTDMPKTK 86
Db 146 CAPLKPAKSA-RSVRAQRHTDMPKTK 172

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/280,826
; FILING DATE: 25-Oct-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/989,251
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 191 amino acids
```

```
;
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-10-280-826-41

Query Match 76.5%; Score 457.5; DB 14; Length 191;
Best Local Similarity 98.9%; Pred. No. 1e-44;
Matches 86; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 1 GPETLCGAEVLVDALQFVCGDRGFYFNKPTGYGSSSRRAPOGTGIVDECCFRSCDLRLLEY 60
Db 86 GPETLCGAEVLVDALQFVCGDRGFYFNKPTGYGSSSRRAPOGTGIVDECCFRSCDLRLLEY 145

QY 61 CAPLKPAKSA-RSVRAQRHTDMPKTK 86
Db 146 CAPLKPAKSA-RSVRAQRHTDMPKTK 172

;
; Search completed: March 17, 2004, 22:30:49
; Job time : 32.8012 secs
```

GenCore version 5.1.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

QM protein - protein search, using sw model

Run on: March 17, 2004. 22:48:53 : Search time 39 Seconds

SEARCH 17, 2004, 22:48:53 ; SEARCH TIME 59 SECONDS  
(without alignments)  
561.074 Million cell updates/sec

Title: US-09-852-261-2 COPY 26 110

Perfect score:

PILEUP SCORE: 85  
 1 NKPTGYGSSSRAPOTGIVD.....STNKNTKSQRRKGSTFEEHK 85  
 Sequence:

Scoring table: OLIGO

scoring table: CRGO Gapop 60.0 , Gapext 60.0

Searched: 1045404 pgs. 257433775 residues

Word size . 0

Total number of hits satisfying chosen parameters: 1045404

Minimum DB sec length:

```
Minimum DB seq length: 0
Maximum DB seq length: 2000000000
```

Post-processing: Listing first 100 summaries

Database : Published Applications AA.\*

- ```

1: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pcp.*
2: /cgn2_6/prodata/1/pubpaa/PCT_NEW_PUB.pcp.*
3: /cgn2_6/prodata/1/pubpaa/US06_NEW_PUB.pcp.*
4: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB.pcp.*
5: /cgn2_6/prodata/1/pubpaa/US07_NEW_PUB.pcp.*
6: /cgn2_6/prodata/1/pubpaa/PCTUS_PUBCOMB.pcp.*
7: /cgn2_6/prodata/1/pubpaa/US08_NEW_PUB.pcp.*
8: /cgn2_6/prodata/1/pubpaa/US08_PUBCOMB.pcp.*
9: /cgn2_6/prodata/1/pubpaa/US09A_PUBCOMB.pcp.*
10: /cgn2_6/prodata/1/pubpaa/US09B_PUBCOMB.pcp
11: /cgn2_6/prodata/1/pubpaa/US09C_PUBCOMB.pcp
12: /cgn2_6/prodata/1/pubpaa/US09_NEW_PUB.pcp.*
13: /cgn2_6/prodata/1/pubpaa/US10A_PUBCOMB.pcp
14: /cgn2_6/prodata/1/pubpaa/US10B_PUBCOMB.pcp
15: /cgn2_6/prodata/1/pubpaa/US10C_PUBCOMB.pcp
16: /cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pcp.*
17: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pcp.*
18: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pcp.*
19:

```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARY

| Result No. | Query % |       | Length | DB | ID                | Description        |
|------------|---------|-------|--------|----|-------------------|--------------------|
|            | Score   | Match |        |    |                   |                    |
| 1          | 85      | 100.0 | 110    | 9  | US-09-852-261-2   | Sequence 20, Appli |
| 2          | 78      | 91.8  | 195    | 15 | US-10-443-466A-20 | Sequence 10, Appl  |
| 3          | 61      | 71.8  | 105    | 9  | US-09-852-261-10  | Sequence 8, Appli  |
| 4          | 61      | 71.8  | 137    | 14 | US-10-251-661-8   | Sequence 74, Appl  |
| 5          | 61      | 71.8  | 153    | 9  | US-09-919-497-74  | Sequence 3, Appli  |
| 6          | 61      | 71.8  | 153    | 14 | US-10-136-639-3   | Sequence 55, Appl  |
| 7          | 61      | 71.8  | 153    | 14 | US-10-207-653-55  | Sequence 2, Appli  |
| 8          | 58      | 68.2  | 105    | 14 | US-10-238-114-3   | Sequence 29, Appl  |
| 9          | 58      | 68.2  | 153    | 14 | US-10-238-114-2   | Sequence 8, Appli  |
| 10         | 45      | 52.9  | 70     | 9  | US-09-848-664-29  | Sequence 3, Appli  |
| 11         | 45      | 52.9  | 70     | 9  | US-09-848-664-30  | Sequence 20, Appl  |
| 12         | 45      | 52.9  | 70     | 9  | US-09-903-327A-8  | Sequence 3, Appli  |
| 13         | 45      | 52.9  | 70     | 10 | US-09-958-935B-3  | Sequence 1, Appli  |
| 14         | 45      | 52.9  | 70     | 12 | US-10-444-649-1   | Sequence 1, Appli  |
| 15         | 45      | 52.9  | 70     | 12 | US-10-444-701-1   | Sequence 1, Appli  |

89 7 8.2 46 10 US-09-963-693-144  
90 7 8.2 46 10 US-09-963-693-145  
91 7 8.2 52 12 US-10-421-599-174976  
92 7 8.2 127 9 US-09-430-221-2  
93 7 8.2 127 14 US-10-324-023-2  
94 7 8.2 235 15 US-10-389-566-2342  
95 7 8.2 264 12 US-10-424-599-174312  
96 7 8.2 273 12 US-10-282-122A-62419  
97 7 8.2 273 12 US-10-282-122A-64729  
98 7 8.2 399 15 US-10-094-749-1978  
99 7 8.2 422 12 US-10-424-599-271798  
100 7 8.2 429 16 US-10-389-566-1317

## ALIGNMENTS

RESULT 1  
US-09-852-261-2  
; Sequence 2, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCE, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 110  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-852-261-2

Query Match 100.0%; Score 85; DB 9; Length 110;  
Best Local Similarity 100.0%; Pred. No. 6.6e-76;  
Matches 85; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEMYCAPLKPASARSVRAQRHTDMPKTQ 60  
DB 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEMYCAPLKPASARSVRAQRHTDMPKTQ 85  
QY 61 KYQPPSTNNTKTSQRKSGTPEHK 85  
DB 86 KYQPPSTNNTKTSQRKSGTPEHK 110

RESULT 2  
US-10-443-466A-20  
; Sequence 20, Application US/10443466A  
; Publication No. US20040018191A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Yan  
; APPLICANT: Pachter, Jonathan A  
; APPLICANT: Hailey, Judith  
; APPLICANT: Greenberg, Robert  
; APPLICANT: Leonard, Presta  
; APPLICANT: Brans, Peter  
; APPLICANT: Feingersh, Diane  
; APPLICANT: Williams, Denise  
; APPLICANT: Srivivasan, Mohan  
; TITLE OF INVENTION: NEUTRALIZING HUMAN ANTI-IGFR ANTIBODY  
; FILE REFERENCE: OC01533-K-US  
; CURRENT APPLICATION NUMBER: US/10/443,466A  
; CURRENT FILING DATE: 2003-05-22  
; PRIOR APPLICATION NUMBER: 60/383,459  
; PRIOR FILING DATE: 2002-05-24  
; PRIOR APPLICATION NUMBER: 60/393,214  
; PRIOR FILING DATE: 2002-07-02

; PRIOR APPLICATION NUMBER: 60/436,254  
; PRIOR FILING DATE: 2002-12-23  
; NUMBER OF SEQ ID NOS: 120  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 20  
; LENGTH: 195  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-443-466A-20

Query Match 91.8%; Score 78; DB 15; Length 195;  
Best Local Similarity 100.0%; Pred. No. 8.2e-69;  
Matches 78; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEMYCAPLKPASARSVRAQRHTDMPKTQ 60  
DB 74 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEMYCAPLKPASARSVRAQRHTDMPKTQ 133  
QY 61 KYQPPSTNNTKTSQRKSG 78  
DB 134 KYQPPSTNNTKTSQRKSG 151

RESULT 3  
US-09-852-261-10  
; Sequence 10, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCE, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 105  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-852-261-10

Query Match 71.8%; Score 61; DB 9; Length 105;  
Best Local Similarity 100.0%; Pred. No. 2.7e-52;  
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEMYCAPLKPASARSVRAQRHTDMPKTQ 60  
DB 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLLEMYCAPLKPASARSVRAQRHTDMPKTQ 85  
QY 61 K 61  
DB 86 K 86

RESULT 4  
US-10-251-661-8  
; Sequence 8, Application US/10251661  
; Publication No. US20030166555A1  
; GENERAL INFORMATION:  
; APPLICANT: Alberini, Cristina M.  
; APPLICANT: Bear, Mark F.  
; TITLE OF INVENTION: Methods and Compositions for Regulating  
; FILE REFERENCE: 3499.1001-003  
; CURRENT APPLICATION NUMBER: US/10/251,661  
; CURRENT FILING DATE: 2002-09-20  
; PRIOR APPLICATION NUMBER: 60/193,614  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/US01/10661  
; PRIOR FILING DATE: 2001-04-02

```
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-251-661-8

Query Match      71.8%; Score 61; DB 14; Length 137;
Best Local Similarity 100.0%; Pred. No. 3.3e-52;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 60
Db 58 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 117

QY 61 K 61
Db 118 K 118

RESULT 5
US-09-919-497-74
; Sequence 74, Application US/09919497
; Patent No. US2002010662A1
; GENERAL INFORMATION:
; APPLICANT: Mutter, George L.
; TITLE OF INVENTION: PROGNOSTIC CLASSIFICATION OF ENDOMETRIAL CANCER
; FILE REFERENCE: B0801/7225
; CURRENT APPLICATION NUMBER: US/09/919,497
; CURRENT FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/221,735
; PRIOR FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 74
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-919-497-74

Query Match      71.8%; Score 61; DB 9; Length 153;
Best Local Similarity 100.0%; Pred. No. 3.6e-52;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 60
Db 74 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 133

QY 61 K 61
Db 134 K 134

RESULT 6
US-10-136-639-3
; Sequence 3, Application US/10136639
; Publication No. US20030072761A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING PROTEINS ACROSS THE BLOOD
; TITLE OF INVENTION: BARRIER
; FILE REFERENCE: SYM-008
; CURRENT APPLICATION NUMBER: US/10/136,639
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-136-639-3
Query Match      71.8%; Score 61; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 3.6e-52;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 60
Db 74 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 133

QY 61 K 61
Db 134 K 134

US-10-136-639-3
Query Match      71.8%; Score 61; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 3.6e-52;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 60
Db 74 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 133

QY 61 K 61
Db 134 K 134

US-10-207-655-55
; Sequence 55, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; APPLICANT: Hayden-Ledbetter, Martha S.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-55

Query Match      71.8%; Score 61; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 3.6e-52;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 60
Db 74 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSARSVRAQRHTDMPKTQ 133

QY 61 K 61
Db 134 K 134

US-10-238-114-3
; Sequence 3, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE RI
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-3

Query Match      68.2%; Score 58; DB 14; Length 105;
Best Local Similarity 100.0%; Pred. No. 2.4e-49;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSAVSRAQHTDMPK 58
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSAVSRAQHTDMPK 83

RESULT 9
US-10-238-114-2
; Sequence 2, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Meril
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE RE
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-2

Query Match 68.2%; Score 58; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 3.3e-49;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSAVSRAQHTDMPK 58
Db 74 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSAVSRAQHTDMPK 131

RESULT 10
US-09-848-664-29
; Sequence 29, Application US/09848664
; Patent No. US20020146414A1
; GENERAL INFORMATION:
; APPLICANT: Sakiyama-Elbert, Shelly E.
; APPLICANT: Hubbell, Jeffrey A.
; TITLE OF INVENTION: Controlled Release of No. US20020146414A1-Heparin Binding Growth
; FILE REFERENCE: ETH 108
; CURRENT APPLICATION NUMBER: US/09/848,664
; CURRENT FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 09/298,084
; PRIOR FILING DATE: 1999-04-22
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-848-664-29

Query Match 52.9%; Score 45; DB 9; Length 70;
Best Local Similarity 100.0%; Pred. No. 1.1e-36;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSA 45
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSA 70

RESULT 11
US-09-848-664-30
; Sequence 30, Application US/09848664
; Patent No. US20020146414A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Sakiyama-Elbert, Shelly E.
; APPLICANT: Hubbell, Jeffrey A.
; TITLE OF INVENTION: Controlled Release of No. US20020146414A1-Heparin Binding Growth
; FILE REFERENCE: ETH 108
; CURRENT APPLICATION NUMBER: US/09/848,664
; CURRENT FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 09/298,084
; PRIOR FILING DATE: 1999-04-22
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-848-664-30

Query Match 52.9%; Score 45; DB 9; Length 70;
Best Local Similarity 100.0%; Pred. No. 1.1e-36;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSA 45
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSA 70

RESULT 12
US-09-903-327A-8
; Sequence 8, Application US/09903327A
; Patent No. US20020164333A1
; GENERAL INFORMATION:
; APPLICANT: Nemerow, Glen R.
; APPLICANT: Li, Erquang
; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGE
; TITLE OF INVENTION: GENE
; FILE REFERENCE: 22908-1228
; CURRENT APPLICATION NUMBER: US/09/903,327A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 09/613,017
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Human
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: Human Insulin-like Growth Factor 1 sequence
; OTHER INFORMATION: (IGF-1, mature peptide)
US-09-903-327A-8

Query Match 52.9%; Score 45; DB 9; Length 70;
Best Local Similarity 100.0%; Pred. No. 1.1e-36;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSA 45
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLRLEMYCAPLKPAPKSA 70

RESULT 13
US-09-858-935B-3
; Sequence 3, Application US/09858935B
; Publication No. US20030069177A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquis, Yves
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Lowman, Henry B.
; TITLE OF INVENTION: METHOD FOR TREATING CARTILAGE DISORDERS
```

FILE REFERENCE: P1794R1  
CURRENT APPLICATION NUMBER: US/09/858,935B  
CURRENT FILING DATE: 2002-07-02  
PRIOR APPLICATION NUMBER: US 60/248,985  
PRIOR FILING DATE: 2000-11-15  
PRIOR APPLICATION NUMBER: US 60/204,490  
PRIOR FILING DATE: 2000-05-16  
NUMBER OF SEQ ID NOS: 153  
SEQ ID NO 3  
LENGTH: 70  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-858-935B-3

Query Match 52.9%; Score 45; DB 10; Length 70;  
Best Local Similarity 100.0%; Pred. No. 1.1e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 45  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 70

## RESULT 14

US-10-444-649-1  
Sequence 1, Application US/10444649  
Publication No. US20040033951A1  
GENERAL INFORMATION:  
APPLICANT: Dubaquié, Yves  
TITLE OF INVENTION: PROTEIN VARIANTS  
FILE REFERENCE: P1712R1  
CURRENT APPLICATION NUMBER: US/10/444,649  
CURRENT FILING DATE: 2003-05-22  
PRIOR APPLICATION NUMBER: US/09/724,479  
PRIOR FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: US/09/477,923  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 6  
SEQ ID NO 1  
LENGTH: 70  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-444-649-1

Query Match 52.9%; Score 45; DB 12; Length 70;  
Best Local Similarity 100.0%; Pred. No. 1.1e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 45  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 70

## RESULT 15

US-10-444-701-1  
Sequence 1, Application US/10444701  
Publication No. US20040033952A1  
GENERAL INFORMATION:  
APPLICANT: Dubaquié, Yves  
TITLE OF INVENTION: PROTEIN VARIANTS  
FILE REFERENCE: P1712R1  
CURRENT APPLICATION NUMBER: US/10/444,701  
CURRENT FILING DATE: 2003-05-22  
PRIOR APPLICATION NUMBER: US/09/723,866  
PRIOR FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: US/09/477,923  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 6  
SEQ ID NO 1  
LENGTH: 70  
TYPE: PRT

ORGANISM: Homo sapiens  
US-10-444-701-1

Query Match 52.9%; Score 45; DB 12; Length 70;  
Best Local Similarity 100.0%; Pred. No. 1.1e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 45  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 70

## RESULT 16

US-10-028-410-1  
Sequence 1, Application US/10028410  
Publication No. US20020160955A1  
GENERAL INFORMATION:  
APPLICANT: Dubaquié, Yves  
TITLE OF INVENTION: PROTEIN VARIANTS  
FILE REFERENCE: P1712R1-1  
CURRENT APPLICATION NUMBER: US/10/028,410  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: US/09/477,924  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 6  
SEQ ID NO 1  
LENGTH: 70  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-028-410-1

Query Match 52.9%; Score 45; DB 13; Length 70;  
Best Local Similarity 100.0%; Pred. No. 1.1e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 45  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 70

## RESULT 17

US-10-066-009A-1  
Sequence 1, Application US/10066009A  
Publication No. US20020165155A1  
GENERAL INFORMATION:  
APPLICANT: Schaffer, Michelle  
APPLICANT: Uitsch, Mark  
APPLICANT: Vajdos, Felix  
TITLE OF INVENTION: CRYSTALLIZATION OF IGF-1  
FILE REFERENCE: P1869R1  
CURRENT APPLICATION NUMBER: US/10/066,009A  
CURRENT FILING DATE: 2002-06-24  
PRIOR APPLICATION NUMBER: US 60/287,072  
PRIOR FILING DATE: 2001-04-27  
PRIOR APPLICATION NUMBER: US 60/267,977  
PRIOR FILING DATE: 2001-02-09  
NUMBER OF SEQ ID NOS: 5  
SEQ ID NO 1  
LENGTH: 70  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-066-009A-1

Query Match 52.9%; Score 45; DB 13; Length 70;  
Best Local Similarity 100.0%; Pred. No. 1.1e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 45  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAKSA 70

```
RESULT 18
US-10-136-639-1
; Sequence 1, Application US/10136639
; Publication No. US2003007261A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING PROTEINS ACROSS THE BLOOD
; TITLE OF INVENTION: BARRIER
; FILE REFERENCE: SYM-008
; CURRENT APPLICATION NUMBER: US/10/136,639
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-639-1

Query Match      52.9%; Score 45; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 1.1e-36;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 45
DB 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 70

RESULT 19
US-10-136-841-7
; Sequence 7, Application US/10136841
; Publication No. US20030082176A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan
; APPLICANT: Beverley, Stephen
; TITLE OF INVENTION: SUBCELLULAR TARGETING OF THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-007
; CURRENT APPLICATION NUMBER: US/10/136,841
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: US 60/287,531
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 60/304,609
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/329,461
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 60/351,276
; PRIOR FILING DATE: 2002-01-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-841-7

Query Match      52.9%; Score 45; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 1.1e-36;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 45
DB 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 70

RESULT 20
US-10-444-326-1
; Sequence 1, Application US/10444326
; Publication No. US20030191065A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
```

```
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,326
; Publication No. US20040005309A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan H
; APPLICANT: Beverley, Stephen
; APPLICANT: Sly, William S.
; TITLE OF INVENTION: TARGETED THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-003
; CURRENT APPLICATION NUMBER: US/10/272,531A
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/384,452
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/386,019
; PRIOR FILING DATE: 2002-06-05
; PRIOR APPLICATION NUMBER: US 60/408,816
; PRIOR FILING DATE: 2002-09-06
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-272-531A-7

Query Match      52.9%; Score 45; DB 15; Length 70;
Best Local Similarity 100.0%; Pred. No. 1.1e-36;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 45
DB 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 70

RESULT 21
US-10-272-531A-7
; Sequence 7, Application US/10272531A
; Publication No. US20040005309A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan H
; APPLICANT: Beverley, Stephen
; APPLICANT: Sly, William S.
; TITLE OF INVENTION: TARGETED THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-003
; CURRENT APPLICATION NUMBER: US/10/272,531A
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/384,452
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/386,019
; PRIOR FILING DATE: 2002-06-05
; PRIOR APPLICATION NUMBER: US 60/408,816
; PRIOR FILING DATE: 2002-09-06
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-272-531A-7

Query Match      52.9%; Score 45; DB 15; Length 70;
Best Local Similarity 100.0%; Pred. No. 1.1e-36;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 45
DB 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA 70

RESULT 22
US-10-272-483A-7
; Sequence 7, Application US/10272483A
; Publication No. US20040006008A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan H
; APPLICANT: Beverley, Stephen
; TITLE OF INVENTION: TARGETED THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-007CP
; CURRENT APPLICATION NUMBER: US/10/272,483A
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/287,531
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 10/136,841
```

;; PRIOR FILING DATE: 2002-04-30  
;; PRIOR APPLICATION NUMBER: US 60/384,452  
;; PRIOR FILING DATE: 2002-05-29  
;; PRIOR APPLICATION NUMBER: US 60/386,019  
;; PRIOR FILING DATE: 2002-06-05  
;; PRIOR APPLICATION NUMBER: US 60/408,816  
;; PRIOR FILING DATE: 2002-09-06  
;; PRIOR APPLICATION NUMBER: US 60/304,609  
;; PRIOR FILING DATE: 2001-07-10  
;; PRIOR APPLICATION NUMBER: US 60/329,461  
;; PRIOR FILING DATE: 2001-10-15  
;; PRIOR APPLICATION NUMBER: US 60/351,276  
;; PRIOR FILING DATE: 2002-01-23  
;; NUMBER OF SEQ ID NOS: 22  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 7  
;; LENGTH: 70  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-272-483A-7

Query Match 52.9%; Score 45; DB 15; Length 70;  
Best Local Similarity 100.0%; Pred. No. 1.1e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLMYCAPLKPAKSA 45  
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLMYCAPLKPAKSA 70

RESULT 23  
US-10-444-262-1  
;; Sequence 1, Application US/10444262  
;; Publication No. US20040023883A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Dubaqui, Yves  
;; APPLICANT: Lowman, Henry  
;; TITLE OF INVENTION: PROTEIN VARIANTS  
;; FILE REFERENCE: P1712R1  
;; CURRENT APPLICATION NUMBER: US/10/444,262  
;; CURRENT FILING DATE: 2003-05-22  
;; PRIOR APPLICATION NUMBER: US/09/724,478  
;; PRIOR FILING DATE: 2000-11-28  
;; PRIOR APPLICATION NUMBER: US/09/477,923  
;; PRIOR FILING DATE: 2000-01-05  
;; NUMBER OF SEQ ID NOS: 6  
;; SEQ ID NO 1  
;; LENGTH: 70  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-444-262-1

Query Match 52.9%; Score 45; DB 16; Length 70;  
Best Local Similarity 100.0%; Pred. No. 1.1e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLMYCAPLKPAKSA 45  
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLMYCAPLKPAKSA 70

RESULT 24  
US-10-323-046-42  
;; Sequence 42, Application US/10323046  
;; Publication No. US20030187232A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Hubbell, Jeffrey A  
;; APPLICANT: Schense, Jason C  
;; APPLICANT: Sakiyama-Elbert, Shelly E  
;; TITLE OF INVENTION: Growth Factor Modified Protein Matrices for Tissue  
;; FILE REFERENCE: ETH 107 CIP (2)  
;; CURRENT APPLICATION NUMBER: US/10/323,046

;; CURRENT FILING DATE: 2002-12-17  
;; PRIOR APPLICATION NUMBER: 09/141,153  
;; PRIOR FILING DATE: 1998-08-27  
;; NUMBER OF SEQ ID NOS: 43  
;; SOFTWARE: PatentIn Ver. 3.1  
;; SEQ ID NO 42  
;; LENGTH: 91  
;; TYPE: PRT  
;; ORGANISM: Artificial sequence  
;; FEATURE:  
;; OTHER INFORMATION: Modified IGF 1 from Homo sapiens  
US-10-323-046-42

Query Match 52.9%; Score 45; DB 14; Length 91;  
Best Local Similarity 100.0%; Pred. No. 1.3e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLMYCAPLKPAKSA 45  
Db 47 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLMYCAPLKPAKSA 91

RESULT 25  
US-10-179-046-14  
;; Sequence 14, Application US/10179046  
;; Publication No. US20030013154A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Crawford, Kenneth  
;; Zaror, Isabel  
;; Innis, Michael  
;; TITLE OF INVENTION: Pichia Secretary Leader for Protein  
;; Expression  
;; NUMBER OF SEQUENCES: 40  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Chiron Corporation  
;; STREET: 4560 Horton Street  
;; CITY: Emeryville  
;; STATE: California  
;; COUNTRY: United States  
;; ZIP: 94608  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/179,046  
;; FILING DATE: 25-Jun-2002  
;; CLASSIFICATION: <Unknown>  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/029,267  
;; FILING DATE: <Unknown>  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Chung, Ling-Fong  
;; REGISTRATION NUMBER: 36,482  
;; REFERENCE/DOCKET NUMBER: 1165.100  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (510) 601-2704  
;; TELEFAX: (510) 635-3542  
;; INFORMATION FOR SEQ ID NO: 14:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 118 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
US-10-179-046-14

Query Match 52.9%; Score 45; DB 14; Length 118;  
Best Local Similarity 100.0%; Pred. No. 1.7e-36;  
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NKPTGYGSSRRAPQTGIVDECCPRSCDILRLLEMYCAPLKPAKSA 45  
Db 74 NKPTGYGSSRRAPQTGIVDECCPRSCDILRLLEMYCAPLKPAKSA 118

Search completed: March 17, 2004, 22:57:50  
Job time : 40 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 17, 2004, 22:22:36 ; Search time 33.0994 Seconds  
(without alignments)  
863.313 Million cell updates/sec

Title: US-09-852-261-4  
Perfect score: 599  
Sequence: 1 GPELTCGAELVDALQFVCP.....THKKRKLQRRKSGSTLEHK 111

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues  
Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:\*

- 1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*
- 2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*
- 8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*
- 9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep.\*
- 10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep.\*
- 11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep.\*
- 12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep.\*
- 13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*
- 14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*
- 15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*
- 16: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep.\*
- 17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*
- 18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description       |
|------------|-------|-------------|--------|-------|-------------------|
| 1          | 599   | 100.0       | 111    | 9     | US-09-852-261-4   |
| 2          | 537   | 89.6        | 133    | 14    | US-10-161-088-2   |
| 3          | 512   | 85.5        | 111    | 9     | US-09-852-261-6   |
| 4          | 494.5 | 82.6        | 110    | 9     | US-09-852-261-2   |
| 5          | 471   | 78.6        | 105    | 9     | US-09-852-261-12  |
| 6          | 464   | 77.5        | 195    | 15    | US-10-443-466A-20 |
| 7          | 423   | 70.6        | 105    | 9     | US-09-852-261-10  |
| 8          | 423   | 70.6        | 137    | 14    | US-10-251-661-8   |
| 9          | 423   | 70.6        | 153    | 9     | US-09-919-497-74  |
| 10         | 423   | 70.6        | 153    | 14    | US-10-136-639-3   |
| 11         | 423   | 70.6        | 153    | 14    | US-10-207-655-55  |
| 12         | 420   | 70.1        | 105    | 9     | US-09-852-261-14  |
| 13         | 418   | 69.8        | 105    | 14    | US-10-238-114-3   |
| 14         | 418   | 69.8        | 153    | 14    | US-10-238-114-2   |
| 15         | 412.5 | 68.9        | 191    | 9     | US-09-921-398-41  |

|    |       |      |     |    |                   |                   |
|----|-------|------|-----|----|-------------------|-------------------|
| 16 | 412.5 | 68.9 | 191 | 14 | US-10-280-826-41  | Sequence 41, Appl |
| 17 | 342   | 57.1 | 953 | 14 | US-10-241-596-14  | Sequence 14, Appl |
| 18 | 341   | 56.9 | 70  | 9  | US-09-848-664-29  | Sequence 28, Appl |
| 19 | 341   | 56.9 | 70  | 9  | US-09-848-664-30  | Sequence 30, Appl |
| 20 | 341   | 56.9 | 70  | 9  | US-09-903-327A-8  | Sequence 8, Appl  |
| 21 | 341   | 56.9 | 70  | 10 | US-09-858-935B-3  | Sequence 3, Appl  |
| 22 | 341   | 56.9 | 70  | 12 | US-10-444-649-1   | Sequence 1, Appl  |
| 23 | 341   | 56.9 | 70  | 12 | US-10-444-701-1   | Sequence 1, Appl  |
| 24 | 341   | 56.9 | 70  | 13 | US-10-028-410-1   | Sequence 1, Appl  |
| 25 | 341   | 56.9 | 70  | 13 | US-10-066-009A-1  | Sequence 1, Appl  |
| 26 | 341   | 56.9 | 70  | 14 | US-10-136-639-1   | Sequence 7, Appl  |
| 27 | 341   | 56.9 | 70  | 14 | US-10-136-841-7   | Sequence 1, Appl  |
| 28 | 341   | 56.9 | 70  | 14 | US-10-444-326-1   | Sequence 7, Appl  |
| 29 | 341   | 56.9 | 70  | 15 | US-10-272-531A-7  | Sequence 7, Appl  |
| 30 | 341   | 56.9 | 70  | 15 | US-10-272-483A-7  | Sequence 1, Appl  |
| 31 | 341   | 56.9 | 70  | 16 | US-10-444-262-1   | Sequence 1, Appl  |
| 32 | 341   | 56.9 | 118 | 14 | US-10-179-046-14  | Sequence 14, Appl |
| 33 | 341   | 56.9 | 155 | 9  | US-09-921-398-39  | Sequence 39, Appl |
| 34 | 341   | 56.9 | 155 | 14 | US-10-280-826-39  | Sequence 12, Appl |
| 35 | 341   | 56.9 | 510 | 9  | US-09-903-327A-12 | Sequence 42, Appl |
| 36 | 334   | 55.8 | 91  | 14 | US-10-323-046-42  | Sequence 218, App |
| 37 | 287   | 47.9 | 68  | 14 | US-10-339-740-218 | Sequence 5, Appl  |
| 38 | 269   | 44.9 | 56  | 13 | US-10-066-009A-5  | Sequence 57, Appl |
| 39 | 223   | 37.2 | 180 | 14 | US-10-207-655-57  | Sequence 7, Appl  |
| 40 | 221   | 36.9 | 156 | 9  | US-09-972-809-7   | Sequence 38, Appl |
| 41 | 221   | 36.9 | 180 | 14 | US-10-081-119-38  | Sequence 2, Appl  |
| 42 | 221   | 36.9 | 180 | 14 | US-10-136-841-2   | Sequence 145, App |
| 43 | 221   | 36.9 | 180 | 14 | US-10-097-340-145 | Sequence 199, App |
| 44 | 221   | 36.9 | 180 | 15 | US-10-295-027-199 | Sequence 2, Appl  |
| 45 | 221   | 36.9 | 180 | 15 | US-10-272-531A-2  |                   |

## ALIGNMENTS

RESULT 1  
US-09-852-261-4  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TEREHINK, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 111  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
US-09-852-261-4

|                                       |        |                                                             |         |            |   |        |     |
|---------------------------------------|--------|-------------------------------------------------------------|---------|------------|---|--------|-----|
| Query Match                           | 100.0% | Score                                                       | 599     | DB         | 9 | Length | 111 |
| Best Local Similarity                 | 100.0% | Pred. No.                                                   | 7.2e-60 |            |   |        |     |
| Matches                               | 111    | Conservative                                                | 0       | Mismatches | 0 | Indels | 0   |
| Gaps                                  | 0      |                                                             |         |            |   |        |     |
| QY                                    | 1      | GPELTCGAELVDALQFVCPGRGFYFNKPTVYSSIRAPQGTGIVDECCFRSCDLRLLEMY | 60      |            |   |        |     |
| DB                                    | 1      | GPELTCGAELVDALQFVCPGRGFYFNKPTVYSSIRAPQGTGIVDECCFRSCDLRLLEMY | 60      |            |   |        |     |
| QY                                    | 61     | CVRCCKPTKSARSIRACQRTDMPKTKSQPLSTHKRKLQRRKSGSTLEHK           | 111     |            |   |        |     |
| DB                                    | 61     | CVRCCKPTKSARSIRACQRTDMPKTKSQPLSTHKRKLQRRKSGSTLEHK           | 111     |            |   |        |     |
| RESULT 2                              |        |                                                             |         |            |   |        |     |
| US-10-161-088-2                       |        |                                                             |         |            |   |        |     |
| ; Sequence 2, Application US/10161088 |        |                                                             |         |            |   |        |     |
| ; Publication No. US2003007761A1      |        |                                                             |         |            |   |        |     |

```

; GENERAL INFORMATION:
; APPLICANT: Parrow, Vendela
; APPLICANT: Rosengren, Linda
; TITLE OF INVENTION: NEW METHODS
; FILE REFERENCE: 13425-111001
; CURRENT APPLICATION NUMBER: US/10/161,088
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: SE 0101934-8
; PRIOR FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-161-088-2

Query Match      89.6%; Score 537; DB 14; Length 133;
Best Local Similarity 91.0%; Pred. No. 9e-53;
Matches 101; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

QY 1 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 60
Db 23 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 82

QY 61 CVRCKPTKSARSIRAQRHTDMPKTSQPLSTHKKQLORRKGSTLEEKK 111
Db 83 CAPLPAKARSIRAQRHTDMPKTSQPLSTHKKQLORRKGSTLEEKK 133

```

```

RESULT 3
US-09-852-261-6
; Sequence 6, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
US-09-852-261-6

Query Match      85.5%; Score 512; DB 9; Length 111;
Best Local Similarity 86.5%; Pred. No. 4.9e-50;
Matches 96; Conservative 3; Mismatches 12; Indels 0; Gaps 0;

QY 1 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 60
Db 1 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 60

QY 61 CVRCKPTKSARSIRAQRHTDMPKTSQPLSTHKKQLORRKGSTLEEKK 111
Db 61 CAPLPAKARSIRAQRHTDMPKTSQPLSTHKKQLORRKGSTLEEKK 111

```

```

RESULT 4
US-09-852-261-2
; Sequence 2, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351

```

```

; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-261-2

Query Match      82.6%; Score 494.5; DB 9; Length 110;
Best Local Similarity 85.6%; Pred. No. 4.6e-48;
Matches 95; Conservative 2; Mismatches 13; Indels 1; Gaps 1;

QY 1 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 60
Db 1 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 60

QY 61 CVRCKPTKSARSIRAQRHTDMPKTSQPLSTHKKQLORRKGSTLEEKK 111
Db 61 CAPLPAKARSIRAQRHTDMPKTSQPLSTHKKQLORRKGSTLEEKK 110

```

```

RESULT 5
US-09-852-261-12
; Sequence 12, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-852-261-12

Query Match      78.6%; Score 471; DB 9; Length 105;
Best Local Similarity 100.0%; Pred. No. 2e-45;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 60
Db 1 GPTLCGAEVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFSCDLRLLEY 60

QY 61 CVRCKPTKSARSIRAQRHTDMPKTSQ 86
Db 61 CVRCKPTKSARSIRAQRHTDMPKTSQ 86

```

```

RESULT 6
US-10-443-466A-20
; Sequence 20, Application US/10443466A
; Publication No. US2004001819A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Yan
; APPLICANT: Pachter, Jonathan A
; APPLICANT: Hailey, Judith
; APPLICANT: Greenberg, Robert
; APPLICANT: Leonard, Presta
; APPLICANT: Brams, Peter
; APPLICANT: Feingersh, Diane
; APPLICANT: Williams, Denise
; APPLICANT: Srinivasan, Mohan

```

```
; TITLE OF INVENTION: NEUTRALIZING HUMAN ANTI-IGFR ANTIBODY
; FILE REFERENCE: OC01533-K-US
; CURRENT APPLICATION NUMBER: US/10/443,466A
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: 60/383,459
; PRIOR FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: 60/393,214
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/436,254
; PRIOR FILING DATE: 2002-12-23
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 195
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-443-466A-20

Query Match 77.5%; Score 464; DB 15; Length 195;
Best Local Similarity 85.3%; Pred. No. 2.5e-44;
Matches 87; Conservative 3; Mismatches 12; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
Db 49 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 108

QY 61 CVRCKPTKSARSIRAQRHTDMPKTQK 102
Db 109 CAPLKPASARSVRAQRHTDMPKTQK 150

RESULT 7
US-09-852-261-10
; Sequence 10, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSINK, GEOFFREY
; APPLICANT: TERENCE, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-261-10

Query Match 70.6%; Score 423; DB 9; Length 105;
Best Local Similarity 90.7%; Pred. No. 5.3e-40;
Matches 78; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
Db 1 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60

QY 61 CVRCKPTKSARSIRAQRHTDMPKTQK 86
Db 61 CAPLKPASARSVRAQRHTDMPKTQK 86

RESULT 8
US-10-251-661-8
; Sequence 8, Application US/10251661
; Publication No. US2003016655A1
; GENERAL INFORMATION:
; APPLICANT: Alberini, Cristina M.
; APPLICANT: Bear, Mark F.
; TITLE OF INVENTION: Methods and Compositions for Regulating
```

```
; TITLE OF INVENTION: Memory Consolidation
; FILE REFERENCE: 3499.1001-003
; CURRENT APPLICATION NUMBER: US/10/251,661
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/193,614
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10661
; PRIOR FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-251-661-8

Query Match 70.6%; Score 423; DB 14; Length 137;
Best Local Similarity 90.7%; Pred. No. 7.1e-40;
Matches 78; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
Db 33 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 92

QY 61 CVRCKPTKSARSIRAQRHTDMPKTQK 86
Db 93 CAPLKPASARSVRAQRHTDMPKTQK 118

RESULT 9
US-09-919-497-74
; Sequence 74, Application US/09919497
; Patent No. US20020106662A1
; GENERAL INFORMATION:
; APPLICANT: Mutter, George L.
; TITLE OF INVENTION: PROGNOSTIC CLASSIFICATION OF ENDOMETRIAL CANCER
; FILE REFERENCE: B0801/7225
; CURRENT APPLICATION NUMBER: US/09/919,497
; CURRENT FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/221,735
; PRIOR FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 74
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-919-497-74

Query Match 70.6%; Score 423; DB 9; Length 153;
Best Local Similarity 90.7%; Pred. No. 8.1e-40;
Matches 78; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
Db 49 GPETLCGAELVDALQFVCGRGRFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 108

QY 61 CVRCKPTKSARSIRAQRHTDMPKTQK 86
Db 109 CAPLKPASARSVRAQRHTDMPKTQK 134

RESULT 10
US-10-136-639-3
; Sequence 3, Application US/10136639
; Publication No. US20030072761A1
; GENERAL INFORMATION:
; APPLICANT: LeBowitz, Jonathan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING PROTEINS ACROSS THE BLOOD
; TITLE OF INVENTION: BARRIER
; FILE REFERENCE: SYM-008
; CURRENT APPLICATION NUMBER: US/10/136,639
; CURRENT FILING DATE: 2002-09-06
```



```
; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-639-3

Query Match      70.6%; Score 423; DB 14; Length 153;
Best Local Similarity 90.7%; Pred. No. 8.1e-40;
Matches 78; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
DB 49 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 108

QY 61 CVRCKPTKSARSRAQRHDMPTQK 86
DB 109 CAPLPAKSARSRAQRHDMPTQK 134

RESULT 11
US-10-207-655-55
; Sequence 55, Application US/10207655
; Publication No. US2003011892A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-55

Query Match      70.6%; Score 423; DB 14; Length 153;
Best Local Similarity 90.7%; Pred. No. 8.1e-40;
Matches 78; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
DB 49 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 108

QY 61 CVRCKPTKSARSRAQRHDMPTQK 86
DB 109 CAPLPAKSARSRAQRHDMPTQK 134

RESULT 12
US-09-852-261-14
; Sequence 14, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 105
; TYPE: PRT

; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
US-09-852-261-14

Query Match      70.1%; Score 420; DB 9; Length 105;
Best Local Similarity 89.5%; Pred. No. 1.1e-39;
Matches 77; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
DB 1 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60

QY 61 CVRCKPTKSARSRAQRHDMPTQK 86
DB 61 CAPLPAKSARSRAQRHDMPTQK 86

RESULT 13
US-10-238-114-3
; Sequence 3, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE F
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-3

Query Match      69.8%; Score 418; DB 14; Length 105;
Best Local Similarity 89.5%; Pred. No. 1.9e-39;
Matches 77; Conservative 1; Mismatches 8; Indels 0; Gaps 0;

QY 1 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60
DB 1 GPEILCGAELVDALQFVCGPRGFYFNKPTVYSSIRRAPQTGIVDECCFRSCDLRLLEY 60

QY 61 CVRCKPTKSARSRAQRHDMPTQK 86
DB 61 CAPLPAKSARSRAQRHDMPTQK 86

RESULT 14
US-10-238-114-2
; Sequence 2, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE F
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Felis catus
```

US-10-238-114-2

Query Match 69.8%; Score 418; DB 14; Length 153;  
 Best Local Similarity 89.5%; Pred. No. 3e-39;  
 Matches 77; Conservative 1; Mismatches 8; Indels 0; Gaps 0;  
 QY 1 GPETLGGAEVDALQFCVGRGFYFNKPTVYGGSSIRRAPQTGIVDECCFSCDLRRLEMY 60  
 DB 49 GPETLGGAEVDALQFCVGRGFYFNKPTVYGGSSIRRAPQTGIVDECCFSCDLRRLEMY 108  
 QY 61 CVRCKPTKGA-RSIRAQRHTDMPKTK 86  
 DB 109 CAPLKPAKSAKRSVRAQRHTDMPKAK 134

RESULT 15

US-09-921-398-41  
 ; Sequence 41, Application US/09921398  
 ; Patent No. US20020055169A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Tekamp-Olson, Patricia  
 ; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS  
 ; PROTEINS IN YEAST  
 ; NUMBER OF SEQUENCES: 41  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP  
 ; STREET: 3605 Glenwood Ave. Suite 310  
 ; CITY: Raleigh  
 ; STATE: NC  
 ; COUNTRY: US  
 ; ZIP: 27622  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/921,398  
 ; FILING DATE: 02-Aug-2001  
 ; CLASSIFICATION: <unknown>  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Spruill, W. Murray  
 ; REGISTRATION NUMBER: 32,943  
 ; REFERENCE/DOCKET NUMBER: 5784-4  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 919 420 2202  
 ; TELEFAX: 919 881 3175  
 ; INFORMATION FOR SEQ ID NO: 41:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 191 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 41:  
 US-09-921-398-41

Query Match 68.9%; Score 412.5; DB 9; Length 191;  
 Best Local Similarity 89.7%; Pred. No. 1.6e-38;  
 Matches 78; Conservative 1; Mismatches 7; Indels 1; Gaps 1;  
 QY 1 GPETLGGAEVDALQFCVGRGFYFNKPTVYGGSSIRRAPQTGIVDECCFSCDLRRLEMY 60  
 DB 86 GPETLGGAEVDALQFCVGRGFYFNKPTVYGGSSIRRAPQTGIVDECCFSCDLRRLEMY 145  
 QY 61 CVRCKPTKGA-RSIRAQRHTDMPKTK 86  
 DB 146 CAPLKPAKSAKRSVRAQRHTDMPKTK 172

Search completed: March 17, 2004, 22:30:50  
 Job time : 34.0994 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 17, 2004, 22:49:08 ; Search time 39 Seconds

(without alignments)  
567.674 Million cell updates/sec

Title: US-09-852-261-4\_COPY\_26\_111

Perfect score: 86

Sequence: 1 NKPTVGVSSIRAPOTGIVD.....THKKRKLQRRKSTLEHKK 86

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 1045404 seqs, 257433775 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 100 summaries

Database : Published Applications AA:\*

1: /cgn2\_6/prodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/prodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/prodata/1/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/prodata/1/pubpaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/prodata/1/pubpaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/prodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/prodata/1/pubpaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/prodata/1/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/prodata/1/pubpaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/prodata/1/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/prodata/1/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/prodata/1/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/prodata/1/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/prodata/1/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/prodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/prodata/1/pubpaa/US10\_NEW\_PUB.pep.\*  
17: /cgn2\_6/prodata/1/pubpaa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/prodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description      |
|------------|-------|-------------|--------|-------|------------------|
| 1          | 86    | 100.0       | 111    | 9     | US-09-852-261-4  |
| 2          | 61    | 70.9        | 105    | 9     | US-09-852-261-12 |
| 3          | 31    | 36.0        | 133    | 14    | US-10-161-088-2  |
| 4          | 26    | 30.2        | 70     | 9     | US-09-848-664-29 |
| 5          | 26    | 30.2        | 70     | 9     | US-09-848-664-30 |
| 6          | 26    | 30.2        | 70     | 9     | US-09-903-327A-8 |
| 7          | 26    | 30.2        | 70     | 10    | US-09-858-935B-3 |
| 8          | 26    | 30.2        | 70     | 12    | US-10-444-649-1  |
| 9          | 26    | 30.2        | 70     | 12    | US-10-444-701-1  |
| 10         | 26    | 30.2        | 70     | 13    | US-10-028-410-1  |
| 11         | 26    | 30.2        | 70     | 13    | US-10-066-009A-1 |
| 12         | 26    | 30.2        | 70     | 14    | US-10-136-841-7  |
| 13         | 26    | 30.2        | 70     | 14    | US-10-136-841-7  |
| 14         | 26    | 30.2        | 70     | 14    | US-10-444-326-1  |
| 15         | 26    | 30.2        | 70     | 15    | US-10-272-531A-7 |

|    |    |      |      |    |                      |                    |
|----|----|------|------|----|----------------------|--------------------|
| 16 | 26 | 30.2 | 70   | 15 | US-10-272-483A-7     | Sequence 7, Appli  |
| 17 | 26 | 30.2 | 70   | 16 | US-10-444-262-1      | Sequence 1, Appli  |
| 18 | 26 | 30.2 | 91   | 14 | US-10-323-046-42     | Sequence 42, Appli |
| 19 | 26 | 30.2 | 105  | 9  | US-09-852-261-10     | Sequence 10, Appli |
| 20 | 26 | 30.2 | 105  | 9  | US-09-852-261-14     | Sequence 14, Appli |
| 21 | 26 | 30.2 | 105  | 14 | US-10-238-114-3      | Sequence 3, Appli  |
| 22 | 26 | 30.2 | 110  | 9  | US-09-852-261-2      | Sequence 2, Appli  |
| 23 | 26 | 30.2 | 111  | 9  | US-09-852-261-6      | Sequence 6, Appli  |
| 24 | 26 | 30.2 | 118  | 14 | US-10-179-046-14     | Sequence 14, Appli |
| 25 | 26 | 30.2 | 137  | 14 | US-10-251-661-8      | Sequence 8, Appli  |
| 26 | 26 | 30.2 | 153  | 9  | US-09-919-497-74     | Sequence 74, Appli |
| 27 | 26 | 30.2 | 153  | 14 | US-10-136-639-3      | Sequence 3, Appli  |
| 28 | 26 | 30.2 | 153  | 14 | US-10-238-114-2      | Sequence 2, Appli  |
| 29 | 26 | 30.2 | 153  | 14 | US-10-207-655-55     | Sequence 55, Appli |
| 30 | 26 | 30.2 | 153  | 14 | US-09-921-398-39     | Sequence 39, Appli |
| 31 | 26 | 30.2 | 155  | 14 | US-10-280-826-39     | Sequence 39, Appli |
| 32 | 26 | 30.2 | 191  | 9  | US-09-921-398-41     | Sequence 41, Appli |
| 33 | 26 | 30.2 | 191  | 14 | US-10-280-826-41     | Sequence 20, Appli |
| 34 | 26 | 30.2 | 195  | 15 | US-10-443-466A-20    | Sequence 12, Appli |
| 35 | 26 | 30.2 | 510  | 9  | US-09-903-327A-12    | Sequence 14, Appli |
| 36 | 26 | 30.2 | 953  | 14 | US-10-241-596-14     | Sequence 138, App  |
| 37 | 24 | 27.9 | 46   | 9  | US-09-205-658-138    | Sequence 139, App  |
| 38 | 24 | 27.9 | 46   | 9  | US-09-205-658-139    | Sequence 138, App  |
| 39 | 24 | 27.9 | 46   | 10 | US-09-963-693-138    | Sequence 139, App  |
| 40 | 24 | 27.9 | 46   | 10 | US-09-963-693-139    | Sequence 218, App  |
| 41 | 22 | 25.6 | 68   | 14 | US-10-339-740-218    | Sequence 5, Appli  |
| 42 | 21 | 24.4 | 56   | 13 | US-10-066-009A-5     | Sequence 86, Appli |
| 43 | 11 | 12.8 | 23   | 14 | US-10-279-061-86     | Sequence 82, Appli |
| 44 | 11 | 12.8 | 103  | 14 | US-10-279-061-72     | Sequence 82, Appli |
| 45 | 11 | 12.8 | 103  | 14 | US-10-279-061-82     | Sequence 88, Appli |
| 46 | 11 | 12.8 | 131  | 14 | US-10-279-061-88     | Sequence 141, App  |
| 47 | 9  | 10.5 | 46   | 9  | US-09-205-658-140    | Sequence 140, App  |
| 48 | 9  | 10.5 | 46   | 9  | US-09-205-658-141    | Sequence 141, App  |
| 49 | 9  | 10.5 | 46   | 10 | US-09-963-693-140    | Sequence 141, App  |
| 50 | 9  | 10.5 | 46   | 10 | US-09-963-693-141    | Sequence 2, Appli  |
| 51 | 9  | 10.5 | 67   | 13 | US-10-066-009A-2     | Sequence 2, Appli  |
| 52 | 9  | 10.5 | 67   | 14 | US-10-136-639-2      | Sequence 8, Appli  |
| 53 | 9  | 10.5 | 67   | 14 | US-10-136-841-8      | Sequence 8, Appli  |
| 54 | 9  | 10.5 | 67   | 15 | US-10-272-531A-8     | Sequence 8, Appli  |
| 55 | 9  | 10.5 | 67   | 15 | US-10-272-483A-8     | Sequence 4, Appli  |
| 56 | 9  | 10.5 | 70   | 14 | US-10-136-841-4      | Sequence 4, Appli  |
| 57 | 9  | 10.5 | 70   | 15 | US-10-272-531A-4     | Sequence 4, Appli  |
| 58 | 9  | 10.5 | 70   | 15 | US-10-272-483A-4     | Sequence 7, Appli  |
| 59 | 9  | 10.5 | 156  | 9  | US-09-972-809-7      | Sequence 38, Appli |
| 60 | 9  | 10.5 | 180  | 14 | US-10-081-119-38     | Sequence 2, Appli  |
| 61 | 9  | 10.5 | 180  | 14 | US-10-136-841-2      | Sequence 2, Appli  |
| 62 | 9  | 10.5 | 180  | 14 | US-10-037-340-145    | Sequence 145, App  |
| 63 | 9  | 10.5 | 180  | 14 | US-10-207-655-57     | Sequence 57, App   |
| 64 | 9  | 10.5 | 180  | 15 | US-10-295-027-199    | Sequence 199, App  |
| 65 | 9  | 10.5 | 180  | 15 | US-10-272-531A-2     | Sequence 2, Appli  |
| 66 | 9  | 10.5 | 180  | 15 | US-10-173-999-99     | Sequence 99, Appli |
| 67 | 9  | 10.5 | 180  | 15 | US-10-258-666-2      | Sequence 2, Appli  |
| 68 | 9  | 10.5 | 180  | 15 | US-10-483A-2         | Sequence 21, Appli |
| 69 | 9  | 10.5 | 180  | 15 | US-10-443-466A-21    | Sequence 6, Appli  |
| 70 | 9  | 10.5 | 722  | 14 | US-10-136-841-6      | Sequence 6, Appli  |
| 71 | 9  | 10.5 | 722  | 15 | US-10-272-531A-6     | Sequence 7019, Ap  |
| 72 | 9  | 10.5 | 722  | 15 | US-10-272-483A-6     | Sequence 3, Appli  |
| 73 | 8  | 9.3  | 1785 | 15 | US-10-369-493-7019   | Sequence 12, Appli |
| 74 | 7  | 8.1  | 13   | 9  | US-09-746-170-3      | Sequence 12, Appli |
| 75 | 7  | 8.1  | 13   | 9  | US-09-746-170-12     | Sequence 22, Appli |
| 76 | 7  | 8.1  | 13   | 9  | US-09-746-170-22     | Sequence 37, Appli |
| 77 | 7  | 8.1  | 13   | 9  | US-09-746-170-37     | Sequence 226, App  |
| 78 | 7  | 8.1  | 20   | 14 | US-10-339-740-226    | Sequence 144, App  |
| 79 | 7  | 8.1  | 46   | 9  | US-09-205-658-144    | Sequence 145, App  |
| 80 | 7  | 8.1  | 46   | 9  | US-09-205-658-145    | Sequence 144, App  |
| 81 | 7  | 8.1  | 46   | 10 | US-09-963-693-144    | Sequence 145, App  |
| 82 | 7  | 8.1  | 46   | 10 | US-09-963-693-145    | Sequence 219798,   |
| 83 | 7  | 8.1  | 88   | 12 | US-10-424-599-219798 | Sequence 2167, A   |
| 84 | 7  | 8.1  | 236  | 15 | US-10-369-493-20167  | Sequence 2139, Ap  |
| 85 | 7  | 8.1  | 415  | 15 | US-10-094-749-2139   | Sequence 1317, Ap  |
| 86 | 7  | 8.1  | 429  | 16 | US-10-389-566-1317   | Sequence 21077, A  |
| 87 | 7  | 8.1  | 469  | 15 | US-10-369-493-21077  | Sequence 68747, A  |
| 88 | 7  | 8.1  | 470  | 12 | US-10-282-122A-68747 |                    |

89 7 8.1 537 13 US-10-037-667-1 Sequence 1, Appli  
90 7 8.1 720 15 US-10-161-493-118 Sequence 118, App  
91 7 8.1 1070 10 US-09-961-403-3 Sequence 3, Appli  
92 7 8.1 1070 15 US-10-116-275-155 Sequence 155, App  
93 7 8.1 1070 15 US-10-295-027-534 Sequence 534, App  
94 7 8.1 1070 15 US-10-295-027-1334 Sequence 1334, Ad  
95 7 8.1 1070 15 US-10-173-999-60 Sequence 60, Appl  
96 7 8.1 1130 14 US-10-171-889-1 Sequence 1, Appli  
97 7 8.1 1130 14 US-10-263-480-2 Sequence 2, Appli  
98 7 8.1 1130 14 US-10-204-041-4 Sequence 4, Appli  
99 7 8.1 1149 15 US-10-457-954-6 Sequence 6, Appli  
100 7 8.1 1164 12 US-10-425-114-62837, A Sequence 62837, A

## ALIGNMENTS

RESULT 1  
US-09-852-261-4  
; Sequence 4, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENGHI, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 111  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
US-09-852-261-4

Query Match 100.0%; Score 86; DB 9; Length 111;  
Best Local Similarity 100.0%; Pred. No. 1.1e-76;  
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTVYSSIRRAPQTGIVDECCFRSCDLRLRLEMYCVRCCKPTKSARSIRAQHTDMPKTQ 60  
DB 26 NKPTVYSSIRRAPQTGIVDECCFRSCDLRLRLEMYCVRCCKPTKSARSIRAQHTDMPKTQ 85  
QY 61 KSQPLSTHKKRKLQRRKKGSTLEEHK 86  
DB 86 KSQPLSTHKKRKLQRRKKGSTLEEHK 111

RESULT 2  
US-09-852-261-12  
; Sequence 12, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENGHI, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 105  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
US-09-852-261-12

Query Match 70.9%; Score 61; DB 9; Length 105;

Best Local Similarity 100.0%; Pred. No. 3.8e-52;  
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTVYSSIRRAPQTGIVDECCFRSCDLRLRLEMYCVRCCKPTKSARSIRAQHTDMPKTQ 60  
DB 26 NKPTVYSSIRRAPQTGIVDECCFRSCDLRLRLEMYCVRCCKPTKSARSIRAQHTDMPKTQ 85  
QY 61 K 61  
DB 86 K 86

## RESULT 3

US-10-161-088-2  
; Sequence 2, Application US/10161088  
; Publication No. US2003007761A1  
; GENERAL INFORMATION:  
; APPLICANT: Parrow, Vendela  
; APPLICANT: Rosengren, Linda  
; TITLE OF INVENTION: NEW METHODS  
; FILE REFERENCE: 13425-111001  
; CURRENT APPLICATION NUMBER: US/10/161,088  
; CURRENT FILING DATE: 2002-05-31  
; PRIOR APPLICATION NUMBER: SE 0101934-8  
; PRIOR FILING DATE: 2001-06-01  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 133  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-161-088-2

Query Match 36.0%; Score 31; DB 14; Length 133;  
Best Local Similarity 100.0%; Pred. No. 1.3e-22;  
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 YGSSIRRAPQTGIVDECCFRSCDLRLRLEMYC 36  
DB 53 YGSSIRRAPQTGIVDECCFRSCDLRLRLEMYC 83

RESULT 4  
US-09-848-664-29  
; Sequence 29, Application US/09848664  
; Patent No. US20020146414A1  
; GENERAL INFORMATION:  
; APPLICANT: Sakiyama-Elbert, Shelly E.  
; APPLICANT: Hubbell, Jeffrey A.  
; TITLE OF INVENTION: Controlled Release of No. US20020146414A1-Heparin Binding Growth  
; TITLE OF INVENTION: Factors from Heparin Containing Matrices  
; FILE REFERENCE: ETH 108  
; CURRENT APPLICATION NUMBER: US/09/848,664  
; CURRENT FILING DATE: 2001-05-03  
; PRIOR APPLICATION NUMBER: 09/298,084  
; PRIOR FILING DATE: 1999-04-22  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 29  
; LENGTH: 70  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-848-664-29

Query Match 30.2%; Score 26; DB 9; Length 70;  
Best Local Similarity 100.0%; Pred. No. 6.2e-18;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLEMYC 36  
DB 36 RRAPQTGIVDECCFRSCDLRLRLEMYC 61

```
RESULT 5
US-09-848-664-30
; Sequence 30, Application US/09848664
; Patent No. US2002014641A1
; GENERAL INFORMATION:
; APPLICANT: Sakiyama-Elbert, Shelly E.
; APPLICANT: Hubbell, Jeffrey A.
; TITLE OF INVENTION: Controlled Release of No. US2002014641A1-Heparin Binding Growth
; TITLE OF INVENTION: Factors from Heparin Containing Matrices
; FILE REFERENCE: ETH 108
; CURRENT APPLICATION NUMBER: US/09/848,664
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 09/298,084
; PRIOR FILING DATE: 1999-04-22
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-848-664-30

Query Match      30.2%; Score 26; DB 9; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      11 RRAPQTGIVDECCFSCDLRLRLMYC 36
Db      36 RRAPQTGIVDECCFSCDLRLRLMYC 61

RESULT 6
US-09-903-327A-8
; Sequence 8, Application US/09903327A
; Patent No. US2002016433A1
; GENERAL INFORMATION:
; APPLICANT: Nemerow, Glen R.
; APPLICANT: Li, Erguang
; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGET
; TITLE OF INVENTION: GENE
; TITLE OF INVENTION: DELIVERY
; FILE REFERENCE: 22908-1228
; CURRENT APPLICATION NUMBER: US/09/903,327A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 09/613,017
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Human
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: Human Insulin-like Growth Factor 1 sequence
; OTHER INFORMATION: (IGF-1, mature peptide)
US-09-903-327A-8

Query Match      30.2%; Score 26; DB 9; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      11 RRAPQTGIVDECCFSCDLRLRLMYC 36
Db      36 RRAPQTGIVDECCFSCDLRLRLMYC 61

RESULT 7
US-09-858-935B-3
; Sequence 3, Application US/09858935B
; Publication No. US2003006917A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Filvaroff, Ellen
; TITLE OF INVENTION: METHOD FOR TREATING CARTILAGE DISORDERS
; FILE REFERENCE: P1794R1
; CURRENT APPLICATION NUMBER: US/09/858,935B
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: US 60/248,985
; PRIOR FILING DATE: 2000-11-15
; PRIOR APPLICATION NUMBER: US 60/204,490
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 3
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-858-935B-3

Query Match      30.2%; Score 26; DB 10; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      11 RRAPQTGIVDECCFSCDLRLRLMYC 36
Db      36 RRAPQTGIVDECCFSCDLRLRLMYC 61

RESULT 8
US-10-444-649-1
; Sequence 1, Application US/10444649
; Publication No. US20040033951A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,649
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/724,479
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477,923
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-649-1

Query Match      30.2%; Score 26; DB 12; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      11 RRAPQTGIVDECCFSCDLRLRLMYC 36
Db      36 RRAPQTGIVDECCFSCDLRLRLMYC 61

RESULT 9
US-10-444-701-1
; Sequence 1, Application US/10444701
; Publication No. US20040033952A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,701
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/723,866
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477,923
; PRIOR FILING DATE: 2000-01-05
```

```
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-701-1

Query Match      30.2%; Score 26; DB 12; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 10
US-10-028-410-1
; Sequence 1, Application US/10028410
; Publication No. US20020160955A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1-1
; CURRENT APPLICATION NUMBER: US/10/028,410
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: US/09/477,924
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-028-410-1

Query Match      30.2%; Score 26; DB 13; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 11
US-10-066-009A-1
; Sequence 1, Application US/10066009A
; Publication No. US20020165155A1
; GENERAL INFORMATION:
; APPLICANT: Schaffer, Michelle
; APPLICANT: Ulteck, Mark
; APPLICANT: Vajdos, Felix
; TITLE OF INVENTION: CRYSTALLIZATION OF IGF-1
; FILE REFERENCE: P1869R1
; CURRENT APPLICATION NUMBER: US/10/066,009A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: US 60/287,072
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/267,977
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 5
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-066-009A-1

Query Match      30.2%; Score 26; DB 13; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-701-1

Query Match      30.2%; Score 26; DB 12; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 12
US-10-136-639-1
; Sequence 1, Application US/10136639
; Publication No. US20030072761A1
; GENERAL INFORMATION:
; APPLICANT: Lebowitz, Jonathan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING PROTEINS ACROSS THE BLOOD
; FILE REFERENCE: SYM-008
; CURRENT APPLICATION NUMBER: US/10/136,639
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-639-1

Query Match      30.2%; Score 26; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 13
US-10-136-841-7
; Sequence 7, Application US/10136841
; Publication No. US20030082176A1
; GENERAL INFORMATION:
; APPLICANT: Lebowitz, Jonathan
; APPLICANT: Beverley, Stephen
; TITLE OF INVENTION: SUBCELLULAR TARGETING OF THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-007
; CURRENT APPLICATION NUMBER: US/10/136,841
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: US 60/287,531
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 60/304,609
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/329,461
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 60/351,276
; PRIOR FILING DATE: 2002-01-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-841-7

Query Match      30.2%; Score 26; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 14
US-10-444-326-1
; Sequence 1, Application US/10444326
```

```
; Publication No. US20030191065A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,326
; PRIOR FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/723,866
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477,923
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-326-1

Query Match      30.2%; Score 26; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRRLEMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRRLEMYC 61

RESULT 15
US-10-272-531A-7
; Sequence 7, Application US/10272531A
; Publication No. US20040005309A1
; GENERAL INFORMATION:
; APPLICANT: Lebowitz, Jonathan H
; APPLICANT: Beverley, Stephen
; APPLICANT: Sly, William S.
; TITLE OF INVENTION: TARGETED THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-009
; CURRENT APPLICATION NUMBER: US/10/272,531A
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/384,452
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/386,019
; PRIOR FILING DATE: 2002-06-05
; PRIOR APPLICATION NUMBER: US 60/408,816
; PRIOR FILING DATE: 2002-09-06
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-272-531A-7

Query Match      30.2%; Score 26; DB 15; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRRLEMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRRLEMYC 61

RESULT 16
US-10-272-483A-7
; Sequence 7, Application US/10272483A
; Publication No. US2004000608A1
; GENERAL INFORMATION:
; APPLICANT: Lebowitz, Jonathan H
; APPLICANT: Beverley, Stephen
; TITLE OF INVENTION: TARGETED THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-007CP
; CURRENT APPLICATION NUMBER: US/10/272,483A
```

```
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/287,531
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 10/136,841
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/384,452
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/386,019
; PRIOR FILING DATE: 2002-06-05
; PRIOR APPLICATION NUMBER: US 60/408,816
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/304,609
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/329,461
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 60/351,276
; PRIOR FILING DATE: 2002-01-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-272-483A-7

Query Match      30.2%; Score 26; DB 15; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRRLEMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRRLEMYC 61

RESULT 17
US-10-444-262-1
; Sequence 1, Application US/10444262
; Publication No. US20040023883A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,262
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/724,478
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477,923
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-262-1

Query Match      30.2%; Score 26; DB 16; Length 70;
Best Local Similarity 100.0%; Pred. No. 6.2e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRRLEMYC 36
Db 36 RRAPQTGIVDECCFRSCDLRRLEMYC 61

RESULT 18
US-10-323-046-42
; Sequence 42, Application US/10323046
; Publication No. US20030187232A1
; GENERAL INFORMATION:
; APPLICANT: Hubbell, Jeffrey A
; APPLICANT: Schense, Jason C
; APPLICANT: Sakiyama-Elbert, Shelly E
```

; TITLE OF INVENTION: Growth Factor Modified Protein Matrices for Tissue

; FILE REFERENCE: ETH 107 CIP (2)  
; CURRENT APPLICATION NUMBER: US/10/323,046  
; PRIOR FILING DATE: 2002-12-17  
; PRIOR APPLICATION NUMBER: 09/141,153  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn Ver. 3.1  
; SEQ ID NO 42  
; LENGTH: 91

; TYPE: PRT  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Modified IGF 1 from Homo sapiens

US-10-323-046-42

Query Match 30.2%; Score 26; DB 14; Length 91;  
Best Local Similarity 100.0%; Pred. No. 7.7e-18;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36  
Db 57 RRAPQTGIVDECCFRSCDLRLRLMYC 82

RESULT 19

US-09-852-261-10  
; Sequence 10, Application US/09852261  
; Patent No. US20020083477A1

; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCE, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 105

; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-852-261-10

Query Match 30.2%; Score 26; DB 9; Length 105;  
Best Local Similarity 100.0%; Pred. No. 8.6e-18;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36  
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 20

US-09-852-261-14  
; Sequence 14, Application US/09852261  
; Patent No. US20020083477A1

; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCE, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 105

; TYPE: PRT  
; ORGANISM: Oryctolagus cuniculus  
US-09-852-261-14

Query Match 30.2%; Score 26; DB 9; Length 105;  
Best Local Similarity 100.0%; Pred. No. 8.6e-18;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36  
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 21

US-10-238-114-3  
; Sequence 3, Application US/10238114  
; Publication No. US20030100073A1

; GENERAL INFORMATION:  
; APPLICANT: Meril  
; APPLICANT: ANDREONI, Christine Michele  
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE F  
; FILE REFERENCE: 454313-3165.1  
; CURRENT APPLICATION NUMBER: US/10/238,114  
; CURRENT FILING DATE: 2002-09-10  
; PRIOR APPLICATION NUMBER: FR 01 11736  
; PRIOR FILING DATE: 2001-09-11  
; PRIOR APPLICATION NUMBER: US 60/318,666  
; PRIOR FILING DATE: 2001-09-12  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 105

; TYPE: PRT  
; ORGANISM: Felis catus  
US-10-238-114-3

Query Match 30.2%; Score 26; DB 14; Length 105;  
Best Local Similarity 100.0%; Pred. No. 8.6e-18;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36  
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61

RESULT 22

US-09-852-261-2  
; Sequence 2, Application US/09852261  
; Patent No. US20020083477A1

; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCE, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 110  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-852-261-2

Query Match 30.2%; Score 26; DB 9; Length 110;  
Best Local Similarity 100.0%; Pred. No. 9e-18;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFRSCDLRLRLMYC 36  
Db 36 RRAPQTGIVDECCFRSCDLRLRLMYC 61



```
RESULT 23
US-09-852-261-6
; Sequence 6, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSINK, GEOFFREY
; APPLICANT: TERENCE, GEORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
US-09-852-261-6

Query Match      30.2%; Score 26; DB 9; Length 111;
Best Local Similarity 100.0%; Pred. No. 9e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFSCDLRLRLMYC 36
   |||||
DB 36 RRAPQTGIVDECCFSCDLRLRLMYC 61
   |||||

RESULT 24
US-10-179-046-14
; Sequence 14, Application US/10179046
; Publication No. US20030013154A1
; GENERAL INFORMATION:
; APPLICANT: Crawford, Kenneth
; APPLICANT: Zaror, Isabel
; APPLICANT: Innis, Michael
; TITLE OF INVENTION: Pichia Secretory Leader for Protein Expression
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: United States
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/179,046
; FILING DATE: 25-Jun-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/029,267
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chung, Ling-Fong
; REGISTRATION NUMBER: 36,482
; REFERENCE/DOCKET NUMBER: 1165.100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2704
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 118 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-179-046-14

Query Match      30.2%; Score 26; DB 14; Length 118;
Best Local Similarity 100.0%; Pred. No. 9.5e-18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFSCDLRLRLMYC 36
   |||||
DB 84 RRAPQTGIVDECCFSCDLRLRLMYC 109
   |||||

RESULT 25
US-10-251-661-8
; Sequence 8, Application US/10251661
; Publication No. US20030166555A1
; GENERAL INFORMATION:
; APPLICANT: Alberini, Cristina M.
; APPLICANT: Bear, Mark F.
; TITLE OF INVENTION: Methods and Compositions for Regulating
; TITLE OF INVENTION: Memory Consolidation
; FILE REFERENCE: 3499.1001-003
; CURRENT APPLICATION NUMBER: US/10/251,661
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/193,614
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10661
; PRIOR FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-251-661-8

Query Match      30.2%; Score 26; DB 14; Length 137;
Best Local Similarity 100.0%; Pred. No. 1.1e-17;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 RRAPQTGIVDECCFSCDLRLRLMYC 36
   |||||
DB 68 RRAPQTGIVDECCFSCDLRLRLMYC 93
   |||||

Search completed: March 17, 2004, 22:58:42
Job time : 40 secs
```

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.  
OM protein - protein search, using sw model  
Run on: March 17, 2004, 22:22:36 ; Search time 33.0994 Seconds  
(without alignments)  
863.313 Million cell updates/sec

Title: US-09-852-261-6  
Perfect score: 602  
Sequence: 1 GPELTGAEVLDAQFVCGD.....TNKMKSORRRKGSFTEHK 111

Scoring table: FLOSUM62  
Gapop 10.0 , Gapext 0.5  
Searched: 1045404 seqs, 257433775 residues  
Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:  
1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW PUB.pep.\*  
6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW PUB.pep.\*  
8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW PUB.pep.\*  
13: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW PUB.pep.\*  
17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW PUB.pep.\*  
18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Match | Length | ID | Description       |
|------------|-------|-------|--------|----|-------------------|
| 1          | 602   | 100.0 | 111    | 9  | US-09-852-261-6   |
| 2          | 572.5 | 95.1  | 110    | 9  | US-09-852-261-2   |
| 3          | 539   | 89.5  | 133    | 14 | US-10-161-088-2   |
| 4          | 536   | 89.0  | 195    | 15 | US-10-443-466A-20 |
| 5          | 512   | 85.0  | 111    | 9  | US-09-852-261-4   |
| 6          | 468   | 77.7  | 105    | 9  | US-09-852-261-14  |
| 7          | 465   | 77.2  | 105    | 9  | US-09-852-261-10  |
| 8          | 465   | 77.2  | 137    | 14 | US-10-251-661-8   |
| 9          | 465   | 77.2  | 153    | 9  | US-09-919-497-74  |
| 10         | 465   | 77.2  | 153    | 14 | US-10-136-639-3   |
| 11         | 465   | 77.2  | 153    | 14 | US-10-207-655-55  |
| 12         | 460   | 76.4  | 105    | 14 | US-10-238-114-3   |
| 13         | 460   | 76.4  | 153    | 14 | US-10-238-114-2   |
| 14         | 454.5 | 75.5  | 191    | 9  | US-09-921-398-41  |
| 15         | 454.5 | 75.5  | 191    | 14 | US-10-280-826-41  |

|    |     |      |     |    |                   |
|----|-----|------|-----|----|-------------------|
| 16 | 420 | 69.8 | 105 | 9  | US-09-852-261-12  |
| 17 | 383 | 63.6 | 953 | 14 | US-10-241-596-14  |
| 18 | 382 | 63.5 | 70  | 9  | US-09-848-664-29  |
| 19 | 382 | 63.5 | 70  | 9  | US-09-848-664-30  |
| 20 | 382 | 63.5 | 70  | 9  | US-09-903-327A-8  |
| 21 | 382 | 63.5 | 70  | 10 | US-09-858-935B-3  |
| 22 | 382 | 63.5 | 70  | 12 | US-10-444-849-1   |
| 23 | 382 | 63.5 | 70  | 12 | US-10-444-701-1   |
| 24 | 382 | 63.5 | 70  | 13 | US-10-028-410-1   |
| 25 | 382 | 63.5 | 70  | 13 | US-10-066-009A-1  |
| 26 | 382 | 63.5 | 70  | 14 | US-10-136-639-1   |
| 27 | 382 | 63.5 | 70  | 14 | US-10-136-841-7   |
| 28 | 382 | 63.5 | 70  | 14 | US-10-444-326-1   |
| 29 | 382 | 63.5 | 70  | 15 | US-10-272-531A-7  |
| 30 | 382 | 63.5 | 70  | 15 | US-10-272-483A-7  |
| 31 | 382 | 63.5 | 70  | 16 | US-10-444-262-1   |
| 32 | 382 | 63.5 | 118 | 14 | US-10-179-046-14  |
| 33 | 382 | 63.5 | 155 | 9  | US-09-921-398-39  |
| 34 | 382 | 63.5 | 155 | 14 | US-10-280-826-39  |
| 35 | 382 | 63.5 | 150 | 9  | US-09-903-327A-12 |
| 36 | 375 | 62.3 | 91  | 14 | US-10-323-046-42  |
| 37 | 314 | 52.2 | 68  | 14 | US-10-339-740-218 |
| 38 | 300 | 49.8 | 56  | 13 | US-10-066-009A-5  |
| 39 | 235 | 39.0 | 180 | 14 | US-10-207-655-57  |
| 40 | 232 | 38.5 | 156 | 9  | US-09-972-809-7   |
| 41 | 232 | 38.5 | 180 | 14 | US-10-081-119-38  |
| 42 | 232 | 38.5 | 180 | 14 | US-10-136-841-2   |
| 43 | 232 | 38.5 | 180 | 14 | US-10-097-340-145 |
| 44 | 232 | 38.5 | 180 | 15 | US-10-295-027-199 |
| 45 | 232 | 38.5 | 180 | 15 | US-10-272-531A-2  |

ALIGNMENTS

RESULT 1

US-09-852-261-6  
; Sequence 6, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCE, GIORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 111  
; TYPE: PRT  
; ORGANISM: Cryptolagus cuniculus  
US-09-852-261-6

|                                       |                 |                                                         |           |             |
|---------------------------------------|-----------------|---------------------------------------------------------|-----------|-------------|
| Query Match                           | 100.0%;         | Score 602;                                              | DB 9;     | Length 111; |
| Best Local Similarity                 | 100.0%;         | Pred. No. 1e-60;                                        |           |             |
| Matches 111;                          | Conservative 0; | Mismatches 0;                                           | Indels 0; | Gaps 0;     |
| Qy                                    | 1               | GPELTGAEVLDAQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLMY | 60        |             |
| Db                                    | 1               | GPELTGAEVLDAQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLMY | 60        |             |
| Qy                                    | 61              | CAPLPKAAASVRAQHTDMPKTQYOPSTNNKMKSORRRKGSFTEHK           | 111       |             |
| Db                                    | 61              | CAPLPKAAASVRAQHTDMPKTQYOPSTNNKMKSORRRKGSFTEHK           | 111       |             |
| RESULT 2                              |                 |                                                         |           |             |
| US-09-852-261-2                       |                 |                                                         |           |             |
| ; Sequence 2, Application US/09852261 |                 |                                                         |           |             |
| ; Patent No. US20020083477A1          |                 |                                                         |           |             |

```
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-261-2

Query Match      95.1%; Score 572.5; DB 9; Length 110;
Best Local Similarity 96.4%; Pred. No. 2.3e-57;
Matches 107; Conservative 1; Mismatches 2; Indels 1; Gaps 1;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 60
Db 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 60
QY 61 CAPLKPAKARSVRAQRHTDMPKTKQYPPSTNNKMKSORRRKSTFEHK 111
Db 61 CAPLKPAKARSVRAQRHTDMPKTKQYPPSTNNKMKTSQ-RRKGSSTFEHK 110

RESULT 3
US-10-161-088-2
; Sequence 2, Application US/10161088
; Publication No. US2003007761A1
; GENERAL INFORMATION:
; APPLICANT: Parrow, Vendela
; APPLICANT: Rosengren, Linda
; TITLE OF INVENTION: NEW METHODS
; FILE REFERENCE: 13425-111001
; CURRENT APPLICATION NUMBER: US/10/161,088
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: SE 0101934-8
; PRIOR FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-161-088-2

Query Match      89.5%; Score 539; DB 14; Length 133;
Best Local Similarity 91.0%; Pred. No. 1.9e-53;
Matches 101; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 60
Db 23 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 82
QY 61 CAPLKPAKARSVRAQRHTDMPKTKQYPPSTNNKMKSORRRKSTFEHK 111
Db 83 CAPLKPAKARSVRAQRHTDMPKTKQYPPSTNNKMKTSQ-RRKGSSTFEHK 133

RESULT 4
US-10-443-466A-20
; Sequence 20, Application US/10443466A
; Publication No. US20040018191A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Yan
; APPLICANT: Fächter, Jonathan A
; APPLICANT: Hailley, Judith
; APPLICANT: Greenberg, Robert
```

```
; APPLICANT: Leonard, Presta
; APPLICANT: Brams, Peter
; APPLICANT: Feingersh, Diane
; APPLICANT: Williams, Denise
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: NEUTRALIZING HUMAN ANTI-IGFR ANTIBODY
; FILE REFERENCE: OC01533-K-US
; CURRENT APPLICATION NUMBER: US/10/443,466A
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: 60/383,459
; PRIOR FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: 60/393,214
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/436,254
; PRIOR FILING DATE: 2002-12-23
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 20
; LENGTH: 195
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-443-466A-20

Query Match      89.0%; Score 536; DB 15; Length 195;
Best Local Similarity 96.1%; Pred. No. 6.6e-53;
Matches 98; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 60
Db 49 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 108
QY 61 CAPLKPAKARSVRAQRHTDMPKTKQYPPSTNNKMKSORRR 102
Db 109 CAPLKPAKARSVRAQRHTDMPKTKQYPPSTNNKMKTSQREK 150

RESULT 5
US-09-852-261-4
; Sequence 4, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 4
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-852-261-4

Query Match      85.0%; Score 512; DB 9; Length 111;
Best Local Similarity 86.5%; Pred. No. 1.8e-50;
Matches 96; Conservative 3; Mismatches 12; Indels 0; Gaps 0;

QY 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 60
Db 1 GPEITCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRLLEY 60
QY 61 CAPLKPAKARSVRAQRHTDMPKTKQYPPSTNNKMKSORRRKSTFEHK 111
Db 61 CVRCKPTKARSIRAQRHTDMPKTKQYPPSTNNKMKTSQREK 111

RESULT 6
US-09-852-261-14
; Sequence 14, Application US/09852261
```

```
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TEREINGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
US-09-852-261-14

Query Match      77.7%; Score 468; DB 9; Length 105;
Best Local Similarity 100.0%; Pred. No. 1.8e-45;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 60
Db 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 60

QY 61 CAPLKPAAARSVRAQRHTDMPKTK 86
Db 61 CAPLKPAAARSVRAQRHTDMPKTK 86

RESULT 7
US-09-852-261-10
; Sequence 10, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TEREINGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-261-10

Query Match      77.2%; Score 465; DB 9; Length 105;
Best Local Similarity 99.8%; Pred. No. 3.9e-45;
Matches 85; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 60
Db 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 60

QY 61 CAPLKPAAARSVRAQRHTDMPKTK 86
Db 61 CAPLKPAAARSVRAQRHTDMPKTK 86

RESULT 8
US-10-251-661-8
; Sequence 8, Application US/10251661
; Publication No. US20030166555A1
; GENERAL INFORMATION:
; APPLICANT: Alberini, Cristina M.
; APPLICANT: Bear, Mark F.
; TITLE OF INVENTION: Methods and Compositions for Regulating
```

```
; TITLE OF INVENTION: Memory Consolidation
; FILE REFERENCE: 3499.1001-003
; CURRENT APPLICATION NUMBER: US/10/251,661
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/193,614
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/106661
; PRIOR FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-251-661-8

Query Match      77.2%; Score 465; DB 14; Length 137;
Best Local Similarity 96.8%; Pred. No. 5.3e-45;
Matches 85; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 60
Db 33 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 92

QY 61 CAPLKPAAARSVRAQRHTDMPKTK 86
Db 93 CAPLKPAAARSVRAQRHTDMPKTK 118

RESULT 9
US-09-919-497-74
; Sequence 74, Application US/09919497
; Patent No. US20020106662A1
; GENERAL INFORMATION:
; APPLICANT: Mutter, George L.
; TITLE OF INVENTION: PROGNOSTIC CLASSIFICATION OF ENDOMETRIAL CANCER
; FILE REFERENCE: B0801/7225
; CURRENT APPLICATION NUMBER: US/09/919,497
; CURRENT FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/221,735
; PRIOR FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 74
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-919-497-74

Query Match      77.2%; Score 465; DB 9; Length 153;
Best Local Similarity 98.8%; Pred. No. 6.1e-45;
Matches 85; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 60
Db 49 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLRLLEY 108

QY 61 CAPLKPAAARSVRAQRHTDMPKTK 86
Db 109 CAPLKPAAARSVRAQRHTDMPKTK 134

RESULT 10
US-10-136-639-3
; Sequence 3, Application US/10136639
; Publication No. US20030072761A1
; GENERAL INFORMATION:
; APPLICANT: Lebowitz, Jonathan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING PROTEINS ACROSS THE BLOOD
; TITLE OF INVENTION: BARRIER
; FILE REFERENCE: SYM-008
; CURRENT APPLICATION NUMBER: US/10/136,639
; CURRENT FILING DATE: 2002-09-06
```

```
; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-639-3

Query Match
Best Local Similarity 77.2%; Score 465; DB 14; Length 153;
Matches 85; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 60
Db 49 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 108
QY 61 CAPLKPAAARSVRAQRHTDMPKTKQ 86
Db 109 CAPLKPAAARSVRAQRHTDMPKTKQ 134

RESULT 11
US-10-207-655-55
; Sequence 55, Application US/10207655
; Publication No. US2003011892A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-55

Query Match
Best Local Similarity 77.2%; Score 465; DB 14; Length 153;
Matches 85; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 60
Db 49 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 108
QY 61 CAPLKPAAARSVRAQRHTDMPKTKQ 86
Db 109 CAPLKPAAARSVRAQRHTDMPKTKQ 134

RESULT 12
US-10-238-114-3
; Sequence 3, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE RE
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
```

```
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-3

Query Match
Best Local Similarity 76.4%; Score 460; DB 14; Length 105;
Matches 84; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 60
Db 1 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 60
QY 61 CAPLKPAAARSVRAQRHTDMPKTKQ 86
Db 61 CAPLKPAAARSVRAQRHTDMPKTKQ 86

RESULT 13
US-10-238-114-2
; Sequence 2, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE F
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-2

Query Match
Best Local Similarity 76.4%; Score 460; DB 14; Length 153;
Matches 84; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 60
Db 49 GPEITLCAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRCDLRRLRLEY 108
QY 61 CAPLKPAAARSVRAQRHTDMPKTKQ 86
Db 109 CAPLKPAAARSVRAQRHTDMPKTKQ 134

RESULT 14
US-09-921-398-41
; Sequence 41, Application US/09921398
; Patent No. US20020055169A1
; GENERAL INFORMATION:
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/921,398  
FILING DATE: 02-Aug-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Spruill, W. Murray  
REGISTRATION NUMBER: 32,943  
REFERENCE/DOCKET NUMBER: 5784-4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919 420 2202  
TELEFAX: 919 881 3175  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 191 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 41:  
US-09-921-398-41

Query Match 75.5%; Score 454.5; DB 9; Length 191;  
Best Local Similarity 97.7%; Pred. No. 1.2e-43;  
Matches 85; Conservative 1; Mismatches 0; Indels 1; Gaps 1;  
QY 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMY 60  
Db 86 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMY 145  
QY 61 CAPLKPAAKAA-RSVRAQRHTDMPKTOK 86  
Db 146 CAPLKPAAKAA-RSVRAQRHTDMPKTOK 172

RESULT 15  
US-10-280-826-41  
Sequence 41, Application US/10280826  
Publication No. US20030077831A1  
GENERAL INFORMATION:  
APPLICANT: Tekamp-Olson, Patricia  
TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP  
STREET: 3605 Glenwood Ave. Suite 310  
CITY: Raleigh  
STATE: NC  
COUNTRY: US  
ZIP: 27622  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/280,826  
FILING DATE: 25-Oct-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/989,251  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Spruill, W. Murray  
REGISTRATION NUMBER: 32,943  
REFERENCE/DOCKET NUMBER: 5784-4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919 420 2202  
TELEFAX: 919 881 3175  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 191 amino acids

TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 41:  
US-10-280-826-41  
Query Match 75.5%; Score 454.5; DB 14; Length 191;  
Best Local Similarity 97.7%; Pred. No. 1.2e-43;  
Matches 85; Conservative 1; Mismatches 0; Indels 1; Gaps 1;  
QY 1 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMY 60  
Db 86 GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMY 145  
QY 61 CAPLKPAAKAA-RSVRAQRHTDMPKTOK 86  
Db 146 CAPLKPAAKAA-RSVRAQRHTDMPKTOK 172  
Search completed: March 17, 2004, 22:30:50  
Job time : 33.0994 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 17, 2004, 22:49:43 ; Search time 40 Seconds  
(without alignments)  
553.483 Million cell updates/sec

Title: US-09-852-261-6\_COPY\_26\_111

Perfect score: 86

Sequence: 1 NKPTGSSRRAPQGVGD.....TNKKMSORREKSGTTEHK 86

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 1045404 seqs, 257433775 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 100 summaries

Database :

Published Applications AA:\*  
1: /cgn2\_6/ptodata/1/pubaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/ptodata/1/pubaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/1/pubaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/ptodata/1/pubaa/US09\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/1/pubaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/1/pubaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/1/pubaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/1/pubaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/1/pubaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/1/pubaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/1/pubaa/US10\_NEW\_PUB.pep.\*  
17: /cgn2\_6/ptodata/1/pubaa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/1/pubaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description      |
|------------|-------|-------------|--------|----|------------------|
| 1          | 86    | 100.0       | 111    | 9  | US-09-852-261-6  |
| 2          | 61    | 70.9        | 105    | 9  | US-09-852-261-14 |
| 3          | 43    | 50.0        | 70     | 9  | US-09-848-664-29 |
| 4          | 43    | 50.0        | 70     | 9  | US-09-848-664-30 |
| 5          | 43    | 50.0        | 70     | 9  | US-09-848-664-30 |
| 6          | 43    | 50.0        | 70     | 9  | US-09-848-664-30 |
| 7          | 43    | 50.0        | 70     | 12 | US-09-858-9358-3 |
| 8          | 43    | 50.0        | 70     | 12 | US-10-444-849-1  |
| 9          | 43    | 50.0        | 70     | 12 | US-10-444-701-1  |
| 10         | 43    | 50.0        | 70     | 13 | US-10-028-410-1  |
| 11         | 43    | 50.0        | 70     | 14 | US-10-136-639-1  |
| 12         | 43    | 50.0        | 70     | 14 | US-10-136-639-1  |
| 13         | 43    | 50.0        | 70     | 14 | US-10-136-639-1  |
| 14         | 43    | 50.0        | 70     | 15 | US-10-444-326-1  |
| 15         | 43    | 50.0        | 70     | 15 | US-10-272-531A-7 |

|    |    |      |     |    |                      |                    |
|----|----|------|-----|----|----------------------|--------------------|
| 16 | 43 | 50.0 | 70  | 16 | US-10-444-262-1      | Sequence 1, Appli  |
| 17 | 43 | 50.0 | 91  | 14 | US-10-323-046-42     | Sequence 42, Appli |
| 18 | 43 | 50.0 | 105 | 9  | US-09-852-261-10     | Sequence 10, Appli |
| 19 | 43 | 50.0 | 105 | 14 | US-10-238-114-3      | Sequence 3, Appli  |
| 20 | 43 | 50.0 | 110 | 9  | US-09-852-261-2      | Sequence 2, Appli  |
| 21 | 43 | 50.0 | 118 | 14 | US-10-179-046-14     | Sequence 14, Appli |
| 22 | 43 | 50.0 | 137 | 14 | US-10-251-661-8      | Sequence 8, Appli  |
| 23 | 43 | 50.0 | 153 | 9  | US-09-319-497-74     | Sequence 74, Appli |
| 24 | 43 | 50.0 | 153 | 14 | US-10-136-639-3      | Sequence 3, Appli  |
| 25 | 43 | 50.0 | 153 | 14 | US-10-238-114-2      | Sequence 2, Appli  |
| 26 | 43 | 50.0 | 153 | 14 | US-10-207-655-55     | Sequence 55, Appli |
| 27 | 43 | 50.0 | 155 | 9  | US-09-921-398-39     | Sequence 39, Appli |
| 28 | 43 | 50.0 | 155 | 14 | US-10-280-826-39     | Sequence 39, Appli |
| 29 | 43 | 50.0 | 191 | 9  | US-09-321-398-41     | Sequence 41, Appli |
| 30 | 43 | 50.0 | 191 | 14 | US-10-280-826-41     | Sequence 41, Appli |
| 31 | 43 | 50.0 | 195 | 15 | US-10-443-466A-20    | Sequence 20, Appli |
| 32 | 43 | 50.0 | 510 | 9  | US-09-903-327A-12    | Sequence 12, Appli |
| 33 | 43 | 50.0 | 953 | 14 | US-10-241-596-14     | Sequence 14, Appli |
| 34 | 31 | 36.0 | 133 | 14 | US-10-161-088-2      | Sequence 2, Appli  |
| 35 | 29 | 33.7 | 68  | 14 | US-10-339-740-218    | Sequence 218, App  |
| 36 | 26 | 30.2 | 105 | 9  | US-09-852-261-12     | Sequence 12, Appli |
| 37 | 26 | 30.2 | 111 | 9  | US-09-852-261-4      | Sequence 4, Appli  |
| 38 | 24 | 27.9 | 46  | 9  | US-09-205-658-138    | Sequence 138, App  |
| 39 | 24 | 27.9 | 46  | 9  | US-09-205-658-139    | Sequence 139, App  |
| 40 | 24 | 27.9 | 46  | 10 | US-09-963-693-138    | Sequence 138, App  |
| 41 | 24 | 27.9 | 46  | 10 | US-09-963-693-139    | Sequence 139, App  |
| 42 | 24 | 27.9 | 56  | 13 | US-10-066-009A-5     | Sequence 5, Appli  |
| 43 | 21 | 24.4 | 29  | 14 | US-10-279-061-86     | Sequence 86, Appli |
| 44 | 21 | 24.4 | 103 | 14 | US-10-279-061-72     | Sequence 72, Appli |
| 45 | 21 | 24.4 | 103 | 14 | US-10-279-061-82     | Sequence 82, Appli |
| 46 | 21 | 24.4 | 131 | 14 | US-10-279-061-88     | Sequence 88, Appli |
| 47 | 15 | 17.4 | 18  | 15 | US-10-016-569A-16    | Sequence 16, Appli |
| 48 | 15 | 17.4 | 18  | 15 | US-10-308-644-16     | Sequence 16, Appli |
| 49 | 12 | 14.0 | 12  | 15 | US-10-016-569A-15    | Sequence 15, Appli |
| 50 | 12 | 14.0 | 12  | 15 | US-10-308-644-15     | Sequence 15, Appli |
| 51 | 9  | 10.5 | 46  | 9  | US-09-205-658-140    | Sequence 140, App  |
| 52 | 9  | 10.5 | 46  | 9  | US-09-205-658-141    | Sequence 141, App  |
| 53 | 9  | 10.5 | 46  | 10 | US-09-963-693-140    | Sequence 140, App  |
| 54 | 9  | 10.5 | 46  | 10 | US-09-963-693-141    | Sequence 141, App  |
| 55 | 9  | 10.5 | 67  | 13 | US-10-066-009A-2     | Sequence 2, Appli  |
| 56 | 9  | 10.5 | 67  | 14 | US-10-136-639-2      | Sequence 2, Appli  |
| 57 | 9  | 10.5 | 67  | 14 | US-10-136-639-2      | Sequence 2, Appli  |
| 58 | 9  | 10.5 | 67  | 15 | US-10-272-531A-8     | Sequence 8, Appli  |
| 59 | 9  | 10.5 | 67  | 15 | US-10-272-531A-8     | Sequence 8, Appli  |
| 60 | 9  | 10.5 | 70  | 14 | US-10-272-483A-8     | Sequence 8, Appli  |
| 61 | 9  | 10.5 | 70  | 14 | US-10-136-841-4      | Sequence 4, Appli  |
| 62 | 9  | 10.5 | 70  | 15 | US-10-272-531A-4     | Sequence 4, Appli  |
| 63 | 9  | 10.5 | 156 | 9  | US-09-972-809-7      | Sequence 7, Appli  |
| 64 | 9  | 10.5 | 180 | 14 | US-10-081-119-38     | Sequence 38, Appli |
| 65 | 9  | 10.5 | 180 | 14 | US-10-136-841-2      | Sequence 2, Appli  |
| 66 | 9  | 10.5 | 180 | 14 | US-10-097-340-145    | Sequence 145, App  |
| 67 | 9  | 10.5 | 180 | 14 | US-10-207-655-57     | Sequence 57, Appli |
| 68 | 9  | 10.5 | 180 | 15 | US-10-295-027-199    | Sequence 199, App  |
| 69 | 9  | 10.5 | 180 | 15 | US-10-272-531A-2     | Sequence 2, Appli  |
| 70 | 9  | 10.5 | 180 | 15 | US-10-173-999-99     | Sequence 99, Appli |
| 71 | 9  | 10.5 | 180 | 15 | US-10-258-666-2      | Sequence 2, Appli  |
| 72 | 9  | 10.5 | 180 | 15 | US-10-272-483A-2     | Sequence 2, Appli  |
| 73 | 9  | 10.5 | 180 | 15 | US-10-443-466A-21    | Sequence 21, Appli |
| 74 | 9  | 10.5 | 722 | 14 | US-10-136-841-6      | Sequence 6, Appli  |
| 75 | 9  | 10.5 | 722 | 15 | US-10-272-531A-6     | Sequence 6, Appli  |
| 76 | 9  | 10.5 | 722 | 15 | US-10-272-483A-6     | Sequence 6, Appli  |
| 77 | 8  | 9.3  | 239 | 14 | US-10-029-386-33125  | Sequence 33125, A  |
| 78 | 8  | 9.3  | 456 | 12 | US-10-424-599-273102 | Sequence 273102, A |
| 79 | 8  | 9.3  | 769 | 16 | US-10-389-566-2317   | Sequence 2317, Ap  |
| 80 | 8  | 9.3  | 772 | 16 | US-10-389-566-1451   | Sequence 1451, Ap  |
| 81 | 8  | 9.3  | 772 | 16 | US-10-389-566-1512   | Sequence 1512, Ap  |
| 82 | 7  | 8.1  | 13  | 9  | US-09-746-170-3      | Sequence 3, Appli  |
| 83 | 7  | 8.1  | 13  | 9  | US-09-746-170-12     | Sequence 12, Appli |
| 84 | 7  | 8.1  | 13  | 9  | US-09-746-170-22     | Sequence 22, Appli |
| 85 | 7  | 8.1  | 13  | 9  | US-09-746-170-37     | Sequence 37, Appli |
| 86 | 7  | 8.1  | 20  | 14 | US-10-339-740-226    | Sequence 226, App  |
| 87 | 7  | 8.1  | 37  | 12 | US-10-424-599-275428 | Sequence 275428, A |
| 88 | 7  | 8.1  | 46  | 9  | US-09-205-658-144    | Sequence 144, App  |

89 7 8.1 46 9 US-09-205-658-145 Sequence 145, App  
90 7 8.1 46 10 US-09-963-693-144 Sequence 144, App  
91 7 8.1 46 10 US-09-963-693-145 Sequence 145, App  
92 7 8.1 52 12 US-10-424-599-174976 Sequence 174976,  
93 7 8.1 124 12 US-10-424-599-185716 Sequence 185716,  
94 7 8.1 264 12 US-10-424-599-174312 Sequence 174312,  
95 7 8.1 273 12 US-10-282-122A-62419 Sequence 62419, A  
96 7 8.1 273 12 US-10-282-122A-64729 Sequence 64729, A  
97 7 8.1 399 15 US-10-094-749-1978 Sequence 1978, Ap  
98 7 8.1 419 12 US-10-425-114-52117 Sequence 52117, A  
99 7 8.1 422 12 US-10-424-599-271798 Sequence 271798,  
100 7 8.1 429 16 US-10-389-566-1317 Sequence 1317, Ap

## ALIGNMENTS

## RESULT 1

US-09-852-261-6 ; Sequence 6, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCEH, GEORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 111  
; TYPE: PRT  
; ORGANISM: Oryctolagus cuniculus  
US-09-852-261-6

Query Match 100.0%; Score 86; DB 9; Length 111;  
Best Local Similarity 100.0%; Pred. No. 1.1e-75;  
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAKRSVRAQRHTDMPKIQ 60  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAKRSVRAQRHTDMPKIQ 85  
QY 61 KYQPPSTNKKMSQRRKSGSTFEHK 86  
DB 86 KYQPPSTNKKMSQRRKSGSTFEHK 111

## RESULT 2

US-09-852-261-14 ; Sequence 14, Application US/09852261  
; Patent No. US20020083477A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDSPIK, GEOFFREY  
; APPLICANT: TERENCEH, GEORGIO  
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE  
; FILE REFERENCE: 117-351  
; CURRENT APPLICATION NUMBER: US/09/852,261  
; CURRENT FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: GB 0011278.9  
; PRIOR FILING DATE: 2000-05-10  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 105  
; TYPE: PRT  
; ORGANISM: Oryctolagus cuniculus  
US-09-852-261-14

Query Match 70.9%; Score 61; DB 9; Length 105;

Best Local Similarity 100.0%; Pred. No. 1.9e-51;  
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAKRSVRAQRHTDMPKIQ 60  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAKRSVRAQRHTDMPKIQ 85  
QY 61 K 61  
DB 86 K 86

## RESULT 3

US-09-848-664-29 ; Sequence 29, Application US/09848664  
; Patent No. US20020146414A1  
; GENERAL INFORMATION:  
; APPLICANT: Sakiyama-Elbert, Shelly E.  
; APPLICANT: Hubbell, Jeffrey A.  
; TITLE OF INVENTION: Controlled Release of No. US20020146414A1-Heparin Binding Growth  
; TITLE OF INVENTION: Factors from Heparin Containing Matrices  
; FILE REFERENCE: ETH 108  
; CURRENT APPLICATION NUMBER: US/09/848,664  
; CURRENT FILING DATE: 2001-05-03  
; PRIOR APPLICATION NUMBER: 09/298,084  
; PRIOR FILING DATE: 1999-04-22  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 29  
; LENGTH: 70  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-848-664-29

Query Match 50.0%; Score 43; DB 9; Length 70;  
Best Local Similarity 100.0%; Pred. No. 4e-34;  
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 43  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 68

## RESULT 4

US-09-848-664-30 ; Sequence 30, Application US/09848664  
; Patent No. US20020146414A1  
; GENERAL INFORMATION:  
; APPLICANT: Sakiyama-Elbert, Shelly E.  
; APPLICANT: Hubbell, Jeffrey A.  
; TITLE OF INVENTION: Controlled Release of No. US20020146414A1-Heparin Binding Growth  
; TITLE OF INVENTION: Factors from Heparin Containing Matrices  
; FILE REFERENCE: ETH 108  
; CURRENT APPLICATION NUMBER: US/09/848,664  
; CURRENT FILING DATE: 2001-05-03  
; PRIOR APPLICATION NUMBER: 09/298,084  
; PRIOR FILING DATE: 1999-04-22  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 30  
; LENGTH: 70  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-848-664-30

Query Match 50.0%; Score 43; DB 9; Length 70;  
Best Local Similarity 100.0%; Pred. No. 4e-34;  
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 43  
DB 26 NKPTGYGSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 68



```
RESULT 5
US-09-903-327A-8
; Sequence 8, Application US/09903327A
; Patent No. US2002016433A1
; GENERAL INFORMATION:
; APPLICANT: Nemerow, Glen R.
; APPLICANT: Li, Erluang
; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGET
; TITLE OF INVENTION: GENE
; TITLE OF INVENTION: DELIVERY
; FILE REFERENCE: 22908-1228
; CURRENT APPLICATION NUMBER: US/09/903,327A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 09/613,017
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Human
; NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: Human Insulin-like Growth Factor 1 sequence
; OTHER INFORMATION: (IGF-1, mature peptide)
US-09-903-327A-8

Query Match      50.0%; Score 43; DB 9; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
      |||
Db      26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 68

RESULT 6
US-09-858-935B-3
; Sequence 3, Application US/09858935B
; Publication No. US20030069177A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Lowman, Henry B.
; TITLE OF INVENTION: METHOD FOR TREATING CARTILAGE DISORDERS
; FILE REFERENCE: P1794R1
; CURRENT APPLICATION NUMBER: US/09/858,935B
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: US 60/248,985
; PRIOR FILING DATE: 2000-11-15
; PRIOR APPLICATION NUMBER: US 60/204,490
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 3
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-858-935B-3

Query Match      50.0%; Score 43; DB 10; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
      |||
Db      26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 68

RESULT 7
US-10-444-649-1
; Sequence 1, Application US/10444649
```

```
; Publication No. US20040033951A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,649
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/724,479
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477,923
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-649-1

Query Match      50.0%; Score 43; DB 12; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
      |||
Db      26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 68

RESULT 8
US-10-444-701-1
; Sequence 1, Application US/10444701
; Publication No. US20040033952A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,701
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/723,866
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477,923
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-701-1

Query Match      50.0%; Score 43; DB 12; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
      |||
Db      26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 68

RESULT 9
US-10-028-410-1
; Sequence 1, Application US/10028410
; Publication No. US20020160955A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1-1
; CURRENT APPLICATION NUMBER: US/10/028,410
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: US/09/477,924
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
```

```
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-028-410-1

Query Match      50.0%; Score 43; DB 13; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 43
Db 26 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 68

RESULT 10
US-10-066-009A-1
; Sequence 1, Application US/10066009A
; Publication No. US20020165155A1
; GENERAL INFORMATION:
; APPLICANT: Schaffer, Michelle
; APPLICANT: Ullsch, Mark
; APPLICANT: Vajdos, Felix
; TITLE OF INVENTION: CRYSTALLIZATION OF IGF-1
; FILE REFERENCE: P1869R1
; CURRENT APPLICATION NUMBER: US/10/066.009A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: US 60/287,072
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/267,977
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 5
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-066-009A-1

Query Match      50.0%; Score 43; DB 13; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 43
Db 26 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 68

RESULT 11
US-10-136-639-1
; Sequence 1, Application US/10136639
; Publication No. US2003007261A1
; GENERAL INFORMATION:
; APPLICANT: Lebowitz, Jonathan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING PROTEINS ACROSS THE BLOOD
; FILE REFERENCE: SYM-008
; CURRENT APPLICATION NUMBER: US/10/136.639
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/329,650
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-639-1

Query Match      50.0%; Score 43; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 43
Db 26 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 68

RESULT 12
US-10-136-841-7
; Sequence 7, Application US/10136841
; Publication No. US20030082176A1
; GENERAL INFORMATION:
; APPLICANT: Lebowitz, Jonathan
; APPLICANT: Beverley, Stephen
; TITLE OF INVENTION: SUBCELLULAR TARGETING OF THERAPEUTIC PROTEINS
; FILE REFERENCE: SYM-007
; CURRENT APPLICATION NUMBER: US/10/136.841
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: US 60/287,531
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 60/304,609
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/329,461
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 60/351,276
; PRIOR FILING DATE: 2002-01-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-841-7

Query Match      50.0%; Score 43; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 43
Db 26 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 68

RESULT 13
US-10-444-326-1
; Sequence 1, Application US/10444326
; Publication No. US20030191065A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444.326
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/723.866
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477.923
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-326-1

Query Match      50.0%; Score 43; DB 14; Length 70;
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 43
Db 26 NKPTGYSSRRAPQTGIVDECCFSCDLRLRLMYCAPLKPAAK 68

RESULT 14
US-10-272-531A-7
```

```

Db      26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLEMYCAPLKPAAK 68
|||||
RESULT 16
US-10-444-262-1
; Sequence 1, Application US/10444262
; Publication NO. US20040023883A1
; GENERAL INFORMATION:
; APPLICANT: Dubaquié, Yves
; APPLICANT: Lowman, Henry
; TITLE OF INVENTION: PROTEIN VARIANTS
; FILE REFERENCE: P1712R1
; CURRENT APPLICATION NUMBER: US/10/444,262
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US/09/724,478
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/477,923
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-444-262-1

Query Match          50.0%; Score 43; DB 16; Length 70
Best Local Similarity 100.0%; Pred. No. 4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLEMYCAPLKPAAK 43
|||||

Db      26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLEMYCAPLKPAAK 68
|||||

RESULT 17
US-10-323-046-42
; Sequence 42, Application US/10323046
; Publication NO. US2003018732A1
; GENERAL INFORMATION:
; APPLICANT: Hubbell, Jeffrey A
; APPLICANT: Schense, Jason C
; APPLICANT: Sakiyama-Elbert, Shelly E
; TITLE OF INVENTION: Growth Factor Modified Protein Matrices
; TITLE OF INVENTION: Engineering
; FILE REFERENCE: ETH 107 CIP (2)
; CURRENT APPLICATION NUMBER: US/10/323,046
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/141,153
; PRIOR FILING DATE: 1998-08-27
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 42
; LENGTH: 91
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Modified IGF 1 from Homo sapiens
US-10-323-046-42

Query Match          50.0%; Score 43; DB 14; Length 91
Best Local Similarity 100.0%; Pred. No. 4.9e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLEMYCAPLKPAAK 43
|||||

Db      47 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLEMYCAPLKPAAK 89
|||||

RESULT 18
US-09-852-261-10
; Sequence 10, Application US/09852261
; Patent No. US2020083477A1

```

```
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-261-10

Query Match          50.0%; Score 43; DB 9; Length 105;
Best Local Similarity 100.0%; Pred. No. 5.5e-34; Indels 0; Gaps 0;
Matches 43; Conservative 0; Mismatches 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
    |||||||
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 68

RESULT 19
US-10-238-114-3
; Sequence 3, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merilal
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE RE
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-3

Query Match          50.0%; Score 43; DB 14; Length 105;
Best Local Similarity 100.0%; Pred. No. 5.5e-34; Indels 0; Gaps 0;
Matches 43; Conservative 0; Mismatches 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
    |||||||
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 68

RESULT 20
US-09-852-261-2
; Sequence 2, Application US/09852261
; Patent No. US20020083477A1
; GENERAL INFORMATION:
; APPLICANT: GOLDSPIK, GEOFFREY
; APPLICANT: TERENGHI, GIORGIO
; TITLE OF INVENTION: REPAIR OF NERVE DAMAGE
; FILE REFERENCE: 117-351
; CURRENT APPLICATION NUMBER: US/09/852,261
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: GB 0011278.9
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 2
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-261-2

Query Match          50.0%; Score 43; DB 9; Length 110;
Best Local Similarity 100.0%; Pred. No. 5.7e-34; Indels 0; Gaps 0;
Matches 43; Conservative 0; Mismatches 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
    |||||||
Db 26 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 68

RESULT 21
US-10-179-046-14
; Sequence 14, Application US/10179046
; Publication No. US20030013154A1
; GENERAL INFORMATION:
; APPLICANT: Crawford, Kenneth
; APPLICANT: Zaror, Isabel
; APPLICANT: Innis, Michael
; TITLE OF INVENTION: Pichia Secretary Leader for Protein
; Expression
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: United States
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/179,046
; FILING DATE: 25-Jun-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/029,267
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chung, Ling-Fong
; REGISTRATION NUMBER: 36,482
; REFERENCE/DOCKET NUMBER: 1165.100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2704
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 118 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-179-046-14

Query Match          50.0%; Score 43; DB 14; Length 118;
Best Local Similarity 100.0%; Pred. No. 6e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 43
    |||||||
Db 74 NKPTGYGSSRRAPQTGIVDECCFRSCDLRLRLMYCAPLKPAP 116

RESULT 22
US-10-251-661-8
```

```

; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-639-3

Query Match          50.0%; Score 43; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 7.4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAAK 43
      |||||||
DB      74 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAAK 116

RESULT 25
US-10-238-114-2
; Sequence 2, Application US/10238114
; Publication No. US20030100073A1
; GENERAL INFORMATION:
; APPLICANT: Merial
; APPLICANT: ANDREONI, Christine Michele
; TITLE OF INVENTION: IGF-1 AS FELINE VACCINE ADJUVANT, IN PARTICULAR AGAINST FELINE R
; FILE REFERENCE: 454313-3165.1
; CURRENT APPLICATION NUMBER: US/10/238,114
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: FR 01 11736
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/318,666
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 153
; TYPE: PRT
; ORGANISM: Felis catus
US-10-238-114-2

Query Match          50.0%; Score 43; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 7.4e-34;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAAK 43
      |||||||
DB      74 NKPTGYGSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAAK 116

Search completed: March 17, 2004, 22:59:34
Job time : 41 secs

```